Page 1 of 456

Incident ID	nAPP2307966624
District RP	
Facility ID	
Application ID	199006

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

☐ A scaled site and sampling diagram as described in 19.15.29.11 N	MAC
Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection)	he liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC Dis	strict office must be notified 2 days prior to final sampling)
Description of remediation activities	
I hereby certify that the information given above is true and complete to and regulations all operators are required to report and/or file certain rel may endanger public health or the environment. The acceptance of a C-should their operations have failed to adequately investigate and remedi human health or the environment. In addition, OCD acceptance of a C-compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the conditi accordance with 19.15.29.13 NMAC including notification to the OCD	lease notifications and perform corrective actions for releases which 141 report by the OCD does not relieve the operator of liability at contamination that pose a threat to groundwater, surface water, 141 report does not relieve the operator of responsibility for s. The responsible party acknowledges they must substantially ions that existed prior to the release or their final land use in
Printed Name: Kurt A. Shipley	Title: Chief Operating Officer
Signature:	Date: 9-20-2023
email: kshipley@novoog.com	Telephone: 405-286-3916
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of li remediate contamination that poses a threat to groundwater, surface water party of compliance with any other federal, state, or local laws and/or responsible party of compliance with any other federal, state, or local laws and/or responsible party of linear party of compliance with any other federal, state, or local laws and/or responsible party of linear	er, human health, or the environment nor does not relieve the responsible
Closure Approved by:	Date:
Printed Name:	Title:
_	



April 28, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/28/23 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G 1 24-27"	H231396-01	Soil	27-Mar-23 10:38	28-Mar-23 09:30
G 2 24-27"	H231396-02	Soil	27-Mar-23 10:40	28-Mar-23 09:30
G 3 24-27"	H231396-03	Soil	27-Mar-23 10:42	28-Mar-23 09:30
G 4 24-27"	H231396-04	Soil	27-Mar-23 10:44	28-Mar-23 09:30
G 5 24-27"	H231396-05	Soil	27-Mar-23 10:46	28-Mar-23 09:30
G 6 24-27"	H231396-06	Soil	27-Mar-23 10:48	28-Mar-23 09:30
G 7 24-27"	H231396-07	Soil	27-Mar-23 10:50	28-Mar-23 09:30
G 8 24-27"	H231396-08	Soil	27-Mar-23 10:52	28-Mar-23 09:30
G 9 24-27"	H231396-09	Soil	27-Mar-23 10:54	28-Mar-23 09:30
G 10 24-27"	H231396-10	Soil	27-Mar-23 10:56	28-Mar-23 09:30
G 11 24-27"	H231396-11	Soil	27-Mar-23 10:58	28-Mar-23 09:30
G 12 24-27"	H231396-12	Soil	27-Mar-23 11:00	28-Mar-23 09:30
G 13 24-27"	H231396-13	Soil	27-Mar-23 11:02	28-Mar-23 09:30
G 14 24-27"	H231396-14	Soil	27-Mar-23 11:04	28-Mar-23 09:30
G 15 24-27"	H231396-15	Soil	27-Mar-23 11:06	28-Mar-23 09:30
G 16 24-27"	H231396-16	Soil	27-Mar-23 11:08	28-Mar-23 09:30
G 17 24-27"	H231396-17	Soil	27-Mar-23 11:10	28-Mar-23 09:30
G 18 24-27"	H231396-18	Soil	27-Mar-23 11:12	28-Mar-23 09:30
G 19 24-27"	H231396-19	Soil	27-Mar-23 11:14	28-Mar-23 09:30
G 20 24-27"	H231396-20	Soil	27-Mar-23 11:16	28-Mar-23 09:30
G 21 24-27"	H231396-21	Soil	27-Mar-23 11:18	28-Mar-23 09:30
G 22 24-27"	H231396-22	Soil	27-Mar-23 11:20	28-Mar-23 09:30
G 23 24-27"	H231396-23	Soil	27-Mar-23 11:22	28-Mar-23 09:30
G 24 24-27"	H231396-24	Soil	27-Mar-23 11:24	28-Mar-23 09:30
SOUTHWALL - 1 0-2'	H231396-25	Soil	27-Mar-23 11:26	28-Mar-23 09:30
WESTWALL - 1 0-2'	H231396-26	Soil	27-Mar-23 11:28	28-Mar-23 09:30
WESTWALL - 2 0-2'	H231396-27	Soil	27-Mar-23 11:30	28-Mar-23 09:30

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

EASTWALL - 1 0-2'

Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

H231396-28

27-Mar-23 11:32

28-Mar-23 09:30

Reported:

28-Apr-23 08:46

04/28/23 - Client requested sample ID changes to -26, -27 and -28 (see COC). This is the revised report and will replace the one sent on 03/29/23.

Soil

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 1 24-27" H231396-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3920		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								S-04
Benzene*	< 0.100		0.100	mg/kg	100	3032810	ЈН	28-Mar-23	8021B	GC-NC
Toluene*	2.80		0.100	mg/kg	100	3032810	JH	28-Mar-23	8021B	GC-NC1, QM-07, QR-03
Ethylbenzene*	1.83		0.100	mg/kg	100	3032810	ЈН	28-Mar-23	8021B	GC-NC1, QM-07, QR-03
Total Xylenes*	39.7		0.300	mg/kg	100	3032810	JH	28-Mar-23	8021B	GC-NC1, QM-07, QR-03
Total BTEX	44.3		0.600	mg/kg	100	3032810	JН	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		146 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	845		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	QM-07
DRO >C10-C28*	3830		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	QM-07
EXT DRO >C28-C36	170		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			183 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			163 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 2 24-27" H231396-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	5200		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.955		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.732		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	16.7		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	18.4		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PIL	D)		130 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by	GC FID									S-04
GRO C6-C10*	654		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	5380		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	289		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			194 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			219 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 3 24-27" H231396-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	24800		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.450		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.314		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	7.96		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	8.73		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		122 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04_
GRO C6-C10*	223		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	3170		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	201		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			131 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			169 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 4 24-27" H231396-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	42400		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								
Benzene*	< 0.500		0.500	mg/kg	500	3032810	JH	28-Mar-23	8021B	
Toluene*	2.93		0.500	mg/kg	500	3032810	ЈН	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	1.33		0.500	mg/kg	500	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	39.1		1.50	mg/kg	500	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	43.3		3.00	mg/kg	500	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		120 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	2250		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	15500		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	844		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			309 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			483 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Celeg D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 5 24-27" H231396-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	31600		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.099		0.050	mg/kg	50	3032810	JН	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.059		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	1.88		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	2.03		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			137 %	71.5	-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by G	C FID									S-04
GRO C6-C10*	51.5		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	2520		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	198		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			95.5 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			162 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 6 24-27" H231396-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	24800		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.172		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.318		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	10.3		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	10.8		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		182 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06_
GRO C6-C10*	754		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	15100		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	829		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			271 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			520 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 7 24-27" H231396-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	28000		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.500		0.500	mg/kg	500	3032810	JH	28-Mar-23	8021B	
Toluene*	0.565		0.500	mg/kg	500	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.733		0.500	mg/kg	500	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	27.4		1.50	mg/kg	500	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	28.7		3.00	mg/kg	500	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)))		133 %	71.5	5-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06_
GRO C6-C10*	2220		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	29900		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	1630		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			398 %	48.2	?-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			843 %	49.1	'-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 8 24-27" H231396-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	36000		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Ethylbenzene*	0.052		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	2.00		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	2.06		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		155 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	92.9		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	3520		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	235		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			171 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

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G 9 24-27" H231396-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	20800		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	QM-07
Volatile Organic Compounds	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.055		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.056		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	2.20		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	2.32		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		175 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	289		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	17400		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	1210		100	mg/kg	10	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			200 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			655 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

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G 10 24-27" H231396-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	10000		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.503		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.540		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	10.6		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	11.6		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			154 %	71.5	-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by GC	FID									S-04
GRO C6-C10*	345		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	3280		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	196		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			125 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			153 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

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G 11 24-27" H231396-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	7400		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.195		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.178		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	5.01		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	5.39		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		127 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	131		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	2900		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	177		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			161 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 12 24-27" H231396-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	26000		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC
Toluene*	0.907		0.050	mg/kg	50	3032810	ЈН	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.424		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	11.1		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	12.4		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		131 %	71.5	-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	402		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	4690		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	276		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			152 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			210 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 13 24-27" H231396-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	34800		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.397		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.385		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	7.81		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	8.59		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		145 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	374		50.0	mg/kg	5	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	2970		50.0	mg/kg	5	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	158		50.0	mg/kg	5	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			148 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			164 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 14 24-27" H231396-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	17600		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JН	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032810	JН	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032810	JН	28-Mar-23	8021B	
Total Xylenes*	1.11		0.150	mg/kg	50	3032810	JН	28-Mar-23	8021B	GC-NC1
Total BTEX	1.11		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (Pl	TD)		128 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	33.9		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	1030		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	61.8		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			99.5 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 15 24-27" H231396-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	4560		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total Xylenes*	0.466		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	0.466		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)))		119 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	39.8		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	4780		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	319		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			231 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 16 24-27" H231396-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032810	JН	28-Mar-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		106 %	71.5	-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	14.2		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	11.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			89.9 %	48.2-	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			92.0 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 17 24-27" H231396-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	D)		116 %	71.5	-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	30.3		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			92.7 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			96.0 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

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G 18 24-27" H231396-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	912		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5	-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	61.6		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			88.9 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			91.6 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

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G 19 24-27" H231396-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JН	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		118 %	71.5	-134	3032810	ЈН	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	79.4		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			110 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			115 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

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G 20 24-27" H231396-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1300		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.085		0.050	mg/kg	50	3032810	JН	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total Xylenes*	1.10		0.150	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Total BTEX	1.24		0.300	mg/kg	50	3032810	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PII	D)		127 %	71.5	-134	3032810	JH	28-Mar-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	30.7		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
DRO >C10-C28*	505		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	23.6		10.0	mg/kg	1	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			99.8 %	48.2	-134	3032807	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3032807	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

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G 21 24-27" H231396-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	9600		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds l	oy EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Toluene*	0.277		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.122		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	GC-NC1
Total Xylenes*	3.46		0.150	mg/kg	50	3032811	JH/	28-Mar-23	8021B	GC-NC1
Total BTEX	3.86		0.300	mg/kg	50	3032811	JH/	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		174 %	71.5	-134	3032811	JH/	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	96.3		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	665		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	34.9		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

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G 22 24-27" H231396-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1520		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								S-04
Benzene*	< 0.200		0.200	mg/kg	200	3032811	JH/	28-Mar-23	8021B	
Toluene*	1.69		0.200	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	1.48		0.200	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Total Xylenes*	41.8		0.600	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Total BTEX	45.0		1.20	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		218 %	71.5	-134	3032811	JH/	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	2120		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	9630		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	430		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			310 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			161 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

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Reported: 28-Apr-23 08:46

G 23 24-27" H231396-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	3000		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Total Xylenes*	0.180		0.150	mg/kg	50	3032811	JH/	28-Mar-23	8021B	GC-NC1
Total BTEX	< 0.300		0.300	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		116 %	71.5	-134	3032811	JH/	28-Mar-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	129		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			86.2 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			93.8 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

G 24 24-27" H231396-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	1120		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		115 %	71.5	-134	3032811	JH/	28-Mar-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	11.8		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	315		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	15.3		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			81.5 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			92.2 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

SOUTHWALL - 1 0-2'

H231396-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	608		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								S-04
Benzene*	< 0.200		0.200	mg/kg	200	3032811	JH/	28-Mar-23	8021B	
Toluene*	1.40		0.200	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Ethylbenzene*	1.61		0.200	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Total Xylenes*	34.3		0.600	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Total BTEX	37.3		1.20	mg/kg	200	3032811	JH/	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		208 %	71.5	-134	3032811	JH/	28-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	1440		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	5440		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	225		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			179 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			131 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Celeg D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

WESTWALL - 1 0-2'

H231396-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	21200		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032811	JН	29-Mar-23	8021B	
Toluene*	0.175		0.050	mg/kg	50	3032811	JH	29-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.367		0.050	mg/kg	50	3032811	JH	29-Mar-23	8021B	GC-NC1
Total Xylenes*	7.68		0.150	mg/kg	50	3032811	ЈН	29-Mar-23	8021B	GC-NC1
Total BTEX	8.22		0.300	mg/kg	50	3032811	JH	29-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			327 %	71.5	-134	3032811	ЈН	29-Mar-23	8021B	
Petroleum Hydrocarbons by G	C FID									S-06
GRO C6-C10*	1230		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	18000		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	1030		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			286 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			273 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

WESTWALL - 2 0-2' H231396-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16800		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds l	oy EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	3032811	JH	29-Mar-23	8021B	
Toluene*	0.065		0.050	mg/kg	50	3032811	JH	29-Mar-23	8021B	GC-NC1
Ethylbenzene*	0.099		0.050	mg/kg	50	3032811	JН	29-Mar-23	8021B	GC-NC1
Total Xylenes*	2.25		0.150	mg/kg	50	3032811	JH	29-Mar-23	8021B	GC-NC1
Total BTEX	2.41		0.300	mg/kg	50	3032811	JH	29-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		170 %	71.5	-134	3032811	JH	29-Mar-23	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	548		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	29600		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	1900		50.0	mg/kg	5	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			244 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			500 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

EASTWALL - 1 0-2'

H231396-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	608		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3032811	JH/	28-Mar-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.6 %	71.5	-134	3032811	JH/	28-Mar-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
DRO >C10-C28*	48.2		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctane			63.6 %	48.2	-134	3032818	MS	28-Mar-23	8015B	
Surrogate: 1-Chlorooctadecane			67.7 %	49.1	-148	3032818	MS	28-Mar-23	8015B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3032829 - 1:4 DI Water										
Blank (3032829-BLK1)				Prepared &	Analyzed:	28-Mar-23				
Chloride	ND	16.0	mg/kg							
LCS (3032829-BS1)				Prepared &	Analyzed:	28-Mar-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3032829-BSD1)				Prepared &	Analyzed:	28-Mar-23				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 3032830 - 1:4 DI Water										
Blank (3032830-BLK1)				Prepared &	Analyzed:	28-Mar-23				
Chloride	ND	16.0	mg/kg							
LCS (3032830-BS1)				Prepared &	Analyzed:	28-Mar-23				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (3032830-BSD1)				Prepared &	Analyzed:	28-Mar-23				
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	

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Celey D. Keene



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Spike

Source

Project Number: NVONM2203/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		reporting		Spine	Source		, orthog		1112	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3032810 - Volatiles										
Blank (3032810-BLK1)				Prepared &	k Analyzed:	28-Mar-23	;			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		97.0	71.5-134			
LCS (3032810-BS1)				Prepared &	z Analyzed:	28-Mar-23	;			
Benzene	1.88	0.050	mg/kg	2.00		94.1	81.4-118			
Toluene	1.90	0.050	mg/kg	2.00		94.9	88.7-121			
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.1	86.1-120			
m,p-Xylene	3.88	0.100	mg/kg	4.00		97.1	88.2-124			
o-Xylene	1.95	0.050	mg/kg	2.00		97.3	84.9-118			
Total Xylenes	5.83	0.150	mg/kg	6.00		97.2	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	71.5-134			
LCS Dup (3032810-BSD1)				Prepared &	k Analyzed:	28-Mar-23	;			
Benzene	1.96	0.050	mg/kg	2.00		97.8	81.4-118	3.85	15.8	
Toluene	1.95	0.050	mg/kg	2.00		97.7	88.7-121	2.82	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.5	86.1-120	0.356	16	
m,p-Xylene	3.86	0.100	mg/kg	4.00		96.5	88.2-124	0.655	16.2	
o-Xylene	1.93	0.050	mg/kg	2.00		96.6	84.9-118	0.699	16.7	
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	87.3-122	0.670	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0483		mg/kg	0.0500		96.6	71.5-134			

Batch 3032811 - Volatiles

Blank (3032811-BLK1)			Prepared & Analyzed: 28-Mar-23
Benzene	ND	0.050	mg/kg
Toluene	ND	0.050	mg/kg
Ethylbenzene	ND	0.050	mg/kg
Total Xylenes	ND	0.150	mg/kg

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

87.3-122

71.5-134

116

105

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

Project: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Spike

Source

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reporting

0.150

0.0527

mg/kg

mg/kg

6.00

0.0500

Reported: 28-Apr-23 08:46

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3032811 - Volatiles										
Blank (3032811-BLK1)				Prepared &	z Analyzed:	28-Mar-23	i			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0545		mg/kg	0.0500		109	71.5-134			
LCS (3032811-BS1)				Prepared &	z Analyzed:	28-Mar-23	;			
Benzene	2.03	0.050	mg/kg	2.00		101	81.4-118			
Toluene	2.08	0.050	mg/kg	2.00		104	88.7-121			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	86.1-120			
m,p-Xylene	4.34	0.100	mg/kg	4.00		108	88.2-124			
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.9-118			
Total Xylenes	6.42	0.150	mg/kg	6.00		107	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500		105	71.5-134			
LCS Dup (3032811-BSD1)				Prepared &	Analyzed:	28-Mar-23	;			
Benzene	2.20	0.050	mg/kg	2.00		110	81.4-118	8.03	15.8	
Toluene	2.27	0.050	mg/kg	2.00		114	88.7-121	8.98	15.9	
Ethylbenzene	2.23	0.050	mg/kg	2.00		111	86.1-120	7.93	16	
m,p-Xylene	4.72	0.100	mg/kg	4.00		118	88.2-124	8.37	16.2	
o-Xylene	2.22	0.050	mg/kg	2.00		111	84.9-118	6.78	16.7	

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Celey D. Keine



%REC

Limits

RPD

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Analyte

DRO >C10-C28

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: NOVO GOONCH RELEASE

Spike

Level

Source

Result

%REC

81.9

91.0

48.2-134

49.1-148

Project Number: NVONM2203/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 28-Apr-23 08:46

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

ND

ND

40 9

45.5

Blank (3032807-BLK1)				Prepared & Ana	lyzed: 28-Mar-2	3			
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	48.7		mg/kg	50.0	97.4	48.2-134			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0	100	49.1-148			
LCS (3032807-BS1)				Prepared & Ana	lyzed: 28-Mar-2	3			
GRO C6-C10	200	10.0	mg/kg	200	100	78.5-124			
DRO >C10-C28	200	10.0	mg/kg	200	100	72.5-126			
Total TPH C6-C28	400	10.0	mg/kg	400	100	77.6-123			
Surrogate: 1-Chlorooctane	55.0		mg/kg	50.0	110	48.2-134			
Surrogate: 1-Chlorooctadecane	57.8		mg/kg	50.0	116	49.1-148			
LCS Dup (3032807-BSD1)				Prepared & Ana	lyzed: 28-Mar-2	3			
GRO C6-C10	198	10.0	mg/kg	200	99.0	78.5-124	1.28	17.7	
DRO >C10-C28	195	10.0	mg/kg	200	97.3	72.5-126	2.69	21	
Total TPH C6-C28	393	10.0	mg/kg	400	98.2	77.6-123	1.99	18.5	
Surrogate: 1-Chlorooctane	52.9		mg/kg	50.0	106	48.2-134			
Surrogate: 1-Chlorooctadecane	55.2		mg/kg	50.0	110	49.1-148			
Batch 3032818 - General Prep - Organics									
Blank (3032818-BLK1)				Prepared & Ana	lyzed: 28-Mar-2	3			
GRO C6-C10	ND	10.0	mg/kg						

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mg/kg

mg/kg

mg/kg

mg/kg

50.0

50.0

10.0

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%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2203/001 Project Manager: BRYAN HANEY

Spike

Source

Fax To:

Reporting

Reported: 28-Apr-23 08:46

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3032818 - General Prep - Organics										
LCS (3032818-BS1)				Prepared &	k Analyzed:	28-Mar-23	3			
GRO C6-C10	192	10.0	mg/kg	200		95.9	78.5-124			
DRO >C10-C28	181	10.0	mg/kg	200		90.6	72.5-126			
Total TPH C6-C28	373	10.0	mg/kg	400		93.2	77.6-123			
Surrogate: 1-Chlorooctane	42.1		mg/kg	50.0		84.1	48.2-134			
Surrogate: 1-Chlorooctadecane	42.4		mg/kg	50.0		84.9	49.1-148			
LCS Dup (3032818-BSD1)				Prepared &	દે Analyzed:	28-Mar-23	3			
GRO C6-C10	195	10.0	mg/kg	200		97.4	78.5-124	1.46	17.7	
DRO >C10-C28	182	10.0	mg/kg	200		91.2	72.5-126	0.764	21	
Total TPH C6-C28	377	10.0	mg/kg	400		94.3	77.6-123	1.12	18.5	
Surrogate: 1-Chlorooctane	41.8		mg/kg	50.0		83.6	48.2-134			
Surrogate: 1-Chlorooctadecane	41.9		mg/kg	50.0		83.8	49.1-148			

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Celey D. Keine



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Project Manager: Altamira		BILL TO			
Address: 14229 Punta Bonaire			lovo		CANALISIS KEGUEST
State.		Company: Oil and Gas	as		
6 Fort	10492ip: /8472	Attn:		_	
100		Address:			
Project Name: Novo Goonch Release	biyali Halley				
Project Location: Loving New Mexico		State: Zip:			
Sampler Name: Gonzalez		Phone #:			
FOR LAB USE ONLY		Fax #:		0	
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the pe		whed by Cardinal Within 30 days after con of use, or loss of profits incurred by dignt, sed upon any of the above stated by dignt,	the client for the applicable its subsidiaries,		
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Refinquished By Date:	Received By:	Malale	bryan . have	1 10 atu	mail address:
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Sampler - UPS - Bus - Other: Corrected Temp. "C	Sample Condition Cook Intact Press Tres	CHECKED BY: Tur	Turnaround Time: Thermometer ID #113	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
† Cardinal c	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	s. Please email changes	to celey.keene@a	audinallahana	No

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Project Manager: Bryan Honor		BILL TO		ANALYSIS DECLIEST
Address: 14229 Punta Bonaire		P.O. #: Direct Bill Novo	OVO	DESCRIPTION AND ADDRESS.
Corpus Christi	4	Company: Oil and Gas	S	
e#: 361-658-3126	: lexaszip: 78412	Attn:		
NVONM2203/001		Address:		
Project Name: Novo Goonch Release	lease	City:		
Project Location: Loving New Mexico		State: Zip:		
5		Phone #:		
FOR LAB USE ONLY		Fax #:	0	
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those for negligence and any other	edy for any claim arising whether based in contract or to shall be deemed waked under	of, shall be limited to the amount paid by the	XXX	
	ede in wrang a ss interruptions wher such dair	nd received by Cardinal within 30 days after completion of the a loss of use, or loss of profits incurred by client, its subscitairies in based upon any of the above stated reasons or otherwise.	effon of the applicable subsidiaries,	
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Blinquished By Date:	Received By:	Madral	Dryun-huney (C
Time:		(147
impler - UPS - Bus - Other: Corrected Tamp.	Sample Condition Cool Intact	CHECKED BY: Turn	Turnaround Time: Standard	Bacteria (only) S
† Cardin	al cannot accept verbal change	Corra	Correction Factor -0.5°C	Nc No No
	changes. Please email changes to celey,keene@cardinallabsnm.com	s. Please email changes i	to celey.keene@cardinall	



May 03, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/02/23 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



05/02/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date:
Reported: 05/03/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 1 48-51" (H232157-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

Sample ID: G 2 48-51" (H232157-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	828	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	44.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: Project Number: NVONM2203/001 Project Location: LOVING NM

117 %

NOVO GOONCH RELEASE

49.1-148

Sampling Date: Sampling Type:

Sample Received By:

05/02/2023 Soil

Sampling Condition:

Cool & Intact Tamara Oldaker

Sample ID: G 3 48-51" (H232157-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	967	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	34.8	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						

Sample ID: G 4 48-51" (H232157-04)

Surrogate: 1-Chlorooctadecane

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19000	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	304	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	26.9	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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05/02/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date:
Reported: 05/03/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 5 48-51" (H232157-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	282	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

Sample ID: G 6 48-51" (H232157-06)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.8	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	1090	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	66.3	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Kune



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: **NOVO GOONCH RELEASE** Project Number: NVONM2203/001

Project Location: LOVING NM Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

Sample ID: G 7 48-51" (H232157-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	109	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.7	% 49.1-14	8						

Sample ID: G 8 48-51" (H232157-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	142	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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Celey D. Keene



05/02/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Sampling Date:

Sampling Type:

Project Location: LOVING NM

Sample ID: G 9 48-51" (H232157-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.5	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	1900	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	119	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

Sample ID: G 10 48-51" (H232157-10)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	242	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	30.7	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 11 48-51" (H232157-11)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	222	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Sample ID: G 12 48-51" (H232157-12)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.2	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	1520	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	103	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Sample Received By:

Tamara Oldaker

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: 05/02/2023

Reported: 05/03/2023 Sampling Type: Soil
Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact

Project Number: NVONM2203/001
Project Location: LOVING NM

Sample ID: G 13 48-51" (H232157-13)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	526	100	05/03/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	12900	100	05/03/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	60500	100	05/03/2023	ND					
Surrogate: 1-Chlorooctane	380	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	260	% 49.1-14	18						

Sample ID: G 14 48-51" (H232157-14)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1950	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	85.6	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	3010	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	212	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: 05/02/2023

Reported: 05/03/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 15 48-51" (H232157-15)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	350	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	38.2	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

Sample ID: G 18 48-51" (H232157-16)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/03/2023	ND	416	104	400	3.77	

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 20 48-51" (H232157-17)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

Sample ID: G 21 48-51" (H232157-18)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	10.7	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: 05/02/2023

Reported: 05/03/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 22 48-51" (H232157-19)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	59.8	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

Sample ID: G 23 48-51" (H232157-20)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/03/2023	ND	416	104	400	3.77	

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Celey D. Kreine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: 05/02/2023

Reported: 05/03/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 24 48-51" (H232157-21)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	48.6	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 25 48-51" (H232157-22)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	193	96.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: 05/02/2023 Reported: 05/03/2023 Sampling Type: Soil

Project Name: **NOVO GOONCH RELEASE** Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2203/001 Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 26 48-51" (H232157-23)

BTEX 8021B	mg,	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	14.9	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023

Reported: 05/03/2023 Project Name: **NOVO GOONCH RELEASE**

Project Number: NVONM2203/001

Project Location: LOVING NM Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: G 27 48-51" (H232157-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	75.2	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	30.5	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.7	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

NOVO GOONCH RELEASE

NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 28 48-51" (H232157-25)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	132	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	98.5	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: 05/02/2023

Reported: 05/03/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LOVING NM

Sample ID: G 29 48-51" (H232157-26)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	80.4	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	62.8	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 30 48-51" (H232157-27)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	36.8	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	11.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: **NOVO GOONCH RELEASE** Project Number: NVONM2203/001

Project Location: LOVING NM Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: G 31 48-51" (H232157-28)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	21.8	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	11.8	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.6	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

NOVO GOONCH RELEASE

NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 32 48-51" (H232157-29)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	< 0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	14.0	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	11.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023

05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 33 48-51" (H232157-30)

Reported:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	30.5	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	10.5	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	18						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

05/03/2023

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 34 48-51" (H232157-31)

Reported:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	389	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	33.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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05/02/2023

Soil

Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: Reported: 05/03/2023 Sampling Type:

Project Name: **NOVO GOONCH RELEASE** Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2203/001 Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 35 48-51" (H232157-32)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	568	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	52.9	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023

05/03/2023 NOVO GOONCH RELEASE

Project Name: NOVO GOONCH R
Project Number: NVONM2203/001
Project Location: LOVING NM

Sampling Date: Sampling Type: 05/02/2023 Soil

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: G 36 48-51" (H232157-33)

Reported:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	515	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	28.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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Celey D. Keene



05/02/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: Reported: 05/03/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 37 48-51" (H232157-34)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recov	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	1010	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	73.7	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	18						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 38 48-51" (H232157-35)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Re	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	164	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	21.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023

05/03/2023 NOVO GOONCH RELEASE

Project Name: NOVO GOONCH REI
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 39 48-51" (H232157-36)

Reported:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	229	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	17.4	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	70.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 40 48-51" (H232157-37)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21400	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	386	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	52.8	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

NOVO GOONCH RELEASE

Project Name: NOVO GOONCH REI Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 41 48-51" (H232157-38)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	479	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	38.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 42 48-51" (H232157-39)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	553	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	45.4	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 43 48-51" (H232157-40)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.00	100	2.00	0.635	
Toluene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.62	
Ethylbenzene*	< 0.050	0.050	05/03/2023	ND	2.02	101	2.00	1.78	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.18	103	6.00	1.75	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	209	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	17.4	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 44 48-51" (H232157-41)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	< 0.050	0.050	05/02/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	165	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	19.2	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 45 48-51" (H232157-42)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	<0.050	0.050	05/02/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	179	89.7	200	5.38	
DRO >C10-C28*	227	10.0	05/03/2023	ND	214	107	200	22.5	
EXT DRO >C28-C36	26.9	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	18						

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Celey D. Keene



05/02/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: Reported: 05/03/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2203/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 46 48-51" (H232157-43)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	<0.050	0.050	05/02/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	187	93.6	200	0.547	
DRO >C10-C28*	146	10.0	05/03/2023	ND	179	89.5	200	5.52	
EXT DRO >C28-C36	14.3	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	18						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

NOVO GOONCH RELEASE

NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 47 48-51" (H232157-44)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	<0.050	0.050	05/02/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	187	93.6	200	0.547	
DRO >C10-C28*	95.7	10.0	05/03/2023	ND	179	89.5	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	18						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

NOVO GOONCH RELEASE

Project Name: NOVO GOONCH RI Project Number: NVONM2203/001

Project Location: LOVING NM

Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 1 0-4' (H232157-45)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	<0.050	0.050	05/02/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	187	93.6	200	0.547	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	179	89.5	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

Analyzed By: JH/

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Celey D. Keene



05/02/2023

Soil

Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Sampling Date: Reported: 05/03/2023 Sampling Type:

Project Name: **NOVO GOONCH RELEASE** Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2203/001 Tamara Oldaker

Project Location: LOVING NM

Sample ID: WW - 1 0-4' (H232157-46)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	<0.050	0.050	05/02/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	187	93.6	200	0.547	
DRO >C10-C28*	16.4	10.0	05/03/2023	ND	179	89.5	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023 Reported: 05/03/2023

NOVO GOONCH RELEASE

Project Name: Project Number: NVONM2203/001

Project Location: LOVING NM Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: WW - 2 0-4' (H232157-47)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	<0.050	0.050	05/03/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	0.140	0.050	05/03/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	2.95	0.150	05/03/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	3.09	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20600	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	545	100	05/03/2023	ND	187	93.6	200	0.547	
DRO >C10-C28*	17700	100	05/03/2023	ND	179	89.5	200	5.52	
EXT DRO >C28-C36	1040	100	05/03/2023	ND					
Surrogate: 1-Chlorooctane	196 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	303 9	6 49 1-1 <i>4</i>	R						

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/02/2023

05/03/2023

Project Name: **NOVO GOONCH RELEASE** Project Number: NVONM2203/001

Project Location: LOVING NM Sampling Date: 05/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: WW - 3 0-4' (H232157-48)

Reported:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	1.89	94.4	2.00	1.23	
Toluene*	<0.050	0.050	05/02/2023	ND	1.92	96.0	2.00	4.74	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	1.92	96.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	5.92	98.6	6.00	1.95	
Total BTEX	<0.300	0.300	05/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	05/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	187	93.6	200	0.547	
DRO >C10-C28*	290	10.0	05/03/2023	ND	179	89.5	200	5.52	
EXT DRO >C28-C36	13.0	10.0	05/03/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

matrix interference's.

QR-04 The RPD for the BS/BSD was outside of historical limits.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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PLEASE NOTE: Liability an analyses. All claims includin service. In no event shall Ca	and Damages. Cardinal's liability ding those for negligence and ar Cardinal be liable for incidental	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client's new places. Cardinal within 30 days after completions if the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completions for the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whitted invasions, business interruptions, loss of use, or loss of profits incident by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequential damages, including whether such claims interruptions, loss of use, or loss of profits incidental or consequential damages.	eny clair deeme g withou	m aris d wah	ing what we do under the transformation of t	less r	based made in	in co n writi	ntract ng an tions, claim	or tor	t, she lived I	by Ca or lo	hall be limited to it by Cardinal with a, or loss of pro- upon any of the	within profits	e amount paid 130 days after Incurred by cli xxxx stated rea	by the client to completion of the completion of	he applic ries, se,	able												1	1		1
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Company Name: Altamira Project Manager: Bryan Haney Address: 14229 Punta Bonaire City: Corpus Christi State: Texaszı Phone #: 361-658-3126 Fax #:	e State: TexasZip: 78412 Fax #:		P.O. #: Direct Bill Novo Company: Oil and Gas Attn:	lovo			ANALYSIS REC	REQUEST
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affiliates or successors arising out of or related to the performance Relinquished By:	Date: Received By:	filet advit challet de mason popular	1111	Verbal Result:	emailed. P	□ No /	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:	
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etwice. In no event and common officiates or successors arising out	ing out of or related to the performance	of services hereunder by Cardinal, regar	Received B	s of whether such claim is b	claim is based upon any of the above	ove stated reasons o	Verbal Result:	□ Y:	Yes 🗆 No	Add'l F	Add'l Phone #:		
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May 04, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/03/23 11:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/03/2023 Sampling Date: 05/03/2023
Reported: 05/04/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: LOVING NM

mg/kg

Sample ID: WW - 4 0-4' (H232178-01)

BTEX 8021B

BIEX GOEED	9/	119	Andryzo	u 2 y : 3 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94	
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/04/2023	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



05/03/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/03/2023 Sampling Date:
Reported: 05/04/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: LOVING NM

mg/kg

Sample ID: SW - 2 0-4' (H232178-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94	
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/03/2023 Sampling Date: 05/03/2023

Reported: 05/04/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: EW - 1 0-4' (H232178-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94	
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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Celey D. Kreine



05/03/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/03/2023 Sampling Date: Reported: 05/04/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: EW - 2 0-4' (H232178-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94	
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	10.4	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/03/2023 Reported: 05/04/2023

NOVO GOONCH RELEASE NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/03/2023 Sampling Type: Soil

Sampling Condition: Coo Sample Received By: Tam

Cool & Intact
Tamara Oldaker

Sample ID: EW - 3 0-4' (H232178-05)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94	
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/03/2023 Reported: 05/04/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/03/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: EW - 4 0-4' (H232178-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94	
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92	
Ethylbenzene*	< 0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	11.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	18						

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Celey D. Kreine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/03/2023 Reported: 05/04/2023

> NOVO GOONCH RELEASE NVONM2303/001

Project Number: NVONM2303
Project Location: LOVING NM

Sampling Date: 05/03/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NW - 1 0-4' (H232178-07)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94	
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58	
Total BTEX	<0.300	0.300	05/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					
Surrogate: 1-Chlorooctane	68.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.0	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keene



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	A 14				BIL	BILL TO		1		A	ANALYSIS R	REQUEST		
Project Manager:	Altamira	nıra			PO# 75	Dill N	louio	4	4					1
Address: 142	14229 Punta Bonai	Bonaire			pany	0	Gas							
City: Corpus Christi	Christi	State: TexasZip:	Zip:	78412	Attn:				_			_		
le #:	361-658-3126	Fax #:			Address:						_			
	NVONM2303/001	Project Owner:		Bryan Haney	City:						_			
ıme:	Novo Goonch Release	h Release				Zip:			_					_
Project Location:	Loving New Mexico	/ Mexico			Phone #:			_	_)				_
_	Gonzalez				Fax #:			_		I C				_
			P	MATRIX	PRESERV.	SAM	SAMPLING							_
Lab I.D.	Sample I.D.	le I.D.	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE	TIME	\times m \dashv w	エワー	omo <u>s</u> o				
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25	5w-2	0-4'	0	×	×	5-3-23	0932	×	×	×				
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	Ew-2	0-4'	0	×	×	5-3-23		×	×	×	-			
SE	5w-3	0-4'	0	×	×	5-3-23		×	×	×				
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Relinquished By:	ned By:	Date: 3-23 Received By:	Rece	The state of	so based upon any of the	A source source in	Verbal Result:	ılt:	Yes illed. P	□ No A	yerbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:			
Relinquished By:		Date:	Rece	Received By:	The state of the s		REMARKS:	~ 1	75	#	14			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	e One)	Corrected Temp. °C 3	10 W	Sample Condition Cool Intact A Yes A Yes	on CHECKED BY:	D BY:	Turnaround Time: Thermometer ID #113	Time: ID #11	5	Standard Rush	Bacteria (only Cool Intact	s ly s	ample Condition Observed Temp. °C	
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May 16, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/15/23 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 1 72-75" (H232424-01)

Project Name:

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/16/2023	ND	432	108	400	0.00	

Sample ID: G 2 72-75" (H232424-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	197	98.4	200	0.107	
DRO >C10-C28*	110	10.0	05/15/2023	ND	184	92.0	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	05/15/2023	ND					
Surrogate: 1-Chlorooctane	137	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	155	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

NOVO GOONCH RELEASE Project Number: NVONM2303/001

Project Location: LOVING NM Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: G 3 72-75" (H232424-03)

Project Name:

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	197	98.4	200	0.107	
DRO >C10-C28*	405	10.0	05/15/2023	ND	184	92.0	200	2.53	
EXT DRO >C28-C36	17.6	10.0	05/15/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

Sample ID: G 4 72-75" (H232424-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	197	98.4	200	0.107	
DRO >C10-C28*	608	10.0	05/15/2023	ND	184	92.0	200	2.53	
EXT DRO >C28-C36	33.8	10.0	05/15/2023	ND					
Surrogate: 1-Chlorooctane	142	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	155	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 5 72-75" (H232424-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4520	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	197	98.4	200	0.107	
DRO >C10-C28*	230	10.0	05/15/2023	ND	184	92.0	200	2.53	
EXT DRO >C28-C36	11.9	10.0	05/15/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

Sample ID: G 6 72-75" (H232424-06)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	197	98.4	200	0.107	
DRO >C10-C28*	204	10.0	05/15/2023	ND	184	92.0	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	05/15/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

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05/15/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Sampling Date:

Sampling Type:

Project Location: LOVING NM

Sample ID: G 7 72-75" (H232424-07)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30.6	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	885	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	48.5	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

Sample ID: G 8 72-75" (H232424-08)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4840	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	377	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	4360	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	215	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	229	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 9 72-75" (H232424-09)

Chloride, SM4500Cl-B	mg/	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/16/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	404	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	3340	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	155	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	207 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 %	% 49.1-14	8						

Sample ID: G 10 72-75" (H232424-10)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	560	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	30.2	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	8						

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05/15/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Sampling Date:

Sampling Type:

Project Location: LOVING NM

Sample ID: G 11 72-75" (H232424-11)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	60.8	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

Sample ID: G 12 72-75" (H232424-12)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	422	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	29.1	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 13 72-75" (H232424-13)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13000	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	24.5	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	1520	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	108	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	117 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

Sample ID: G 14 72-75" (H232424-14)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	574	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	36.1	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Location: LOVING NM

Sampling Date:

05/15/2023

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Sample ID: G 15 72-75" (H232424-15)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2023	ND	2.24	112	2.00	3.38	
Toluene*	<0.050	0.050	05/16/2023	ND	2.22	111	2.00	3.57	
Ethylbenzene*	<0.050	0.050	05/16/2023	ND	2.15	108	2.00	4.92	
Total Xylenes*	<0.150	0.150	05/16/2023	ND	6.55	109	6.00	4.04	
Total BTEX	<0.300	0.300	05/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	14						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	253	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	11.9	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	18						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 27 72-75" (H232424-16)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

Sample ID: G 28 72-75" (H232424-17)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Sampling Date: 05/15/2023
Reported: 05/16/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 29 72-75" (H232424-18)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	23.9	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	'8						

Sample ID: G 34 72-75" (H232424-19)

Chloride, SM4500CI-B Analyte	mg/kg		Analyzed By: AC						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6200	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	42.2	10.0	05/16/2023	ND	186	93.1	200	0.868	
DRO >C10-C28*	1240	10.0	05/16/2023	ND	166	82.9	200	13.2	
EXT DRO >C28-C36	58.8	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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05/15/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Sampling Date:
Reported: 05/16/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 35 72-75" (H232424-20)

Chloride, SM4500Cl-B Analyte	mg/kg		Analyzed By: AC						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	79.1	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

Sample ID: G 36 72-75" (H232424-21)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	36.2	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	108 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 37 72-75" (H232424-22)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	17.8	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

Sample ID: G 38 72-75" (H232424-23)

hloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	mg/kg		d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	15.0	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: **NOVO GOONCH RELEASE** Project Number: NVONM2303/001

Project Location: LOVING NM Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: G 39 72-75" (H232424-24)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	155	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	1230	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	62.5	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

Sample ID: G 40 72-75" (H232424-25)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	mg/kg		d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	39.6	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	914	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	58.8	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 41 72-75" (H232424-26)

Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	05/16/2023	ND	432	108	400	0.00	
PH 8015M mg/kg		/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	264	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	15.9	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	!8						

Sample ID: G 42 72-75" (H232424-27)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	144	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: **NOVO GOONCH RELEASE** Project Number: NVONM2303/001

Project Location: LOVING NM Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: G 43 72-75" (H232424-28)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	71.0	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

Sample ID: G 44 72-75" (H232424-29)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	65.2	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Sampling Date: 05/15/2023
Reported: 05/16/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 45 72-75" (H232424-30)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	52.3	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

Sample ID: G 46 72-75" (H232424-31)

hloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	267	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	16.3	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/15/2023 Reported: 05/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WW - 3B 0-6' (H232424-32)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	72.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

Sample ID: WW - 2B 0-6' (H232424-33)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	05/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2023	ND	220	110	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	217	109	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	79.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

	(5/5) 383-2326	6 FAA (3/3) 353-24/0	0/14/			ı				١	١			-	1231		
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Project Manager:	Bryan	пеу				P.O.	*	Direct Bill Novo	OVO			_					
Address: 14	14229 Punta Bonaire	maire				Com	pany: O	Company: Oil and Gas	S						_		
city: Corpu	Corpus Christi	State: Tex	Texaszip:	78412		Attn:						_			_		
le #:	361-658-3126	Fax #:				Add	Address:					_			_		
	NVONM2303/001	Project Owner:		Bryan Haney		City:						_			_		
Project Name:	Novo Goonch Release	ch Release				State:	ė.	Zip:				_			_	_	
Project Location:	: Loving New Mexico	v Mexico				Pho	Phone #:					0			_		
Sampler Name:	0					Fax #:	#:					I (
FOR LAB USE ONLY			P.	MATRIX		70	PRESERV.	SAMPLING	ING) [:			_		
Lab I.D.	Samp	Sample I.D.	(G)RAB OR (C)OME	# CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE	OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	\times m \dashv m	TOH	wwo <u>s</u> c					
times	117	72-7511	0				×	5-15-23	110	-	×	×					
12	21-7	72-7611	0	, ×			×	5-15-23	155	-	×	×					
13	7/3	72-75"	0				×	5-1523	1200	-	×	×					
14	415	72-75"	0	×			×	5-15-23	1705	00	×	×					
7	615	72-75"	0	×			×	5 +5-23	1210	×	×	×					
16	(577)	72-7511	0	×			×	5-15-23	1215	*	×	1					
17	628	72-811	C	X 1			×	5153	1220	1	×	8					
81	50	12-75"	0			1	>	0-17-0	500	- 1	: >	<			-		1
27	1839	77-75"	0 0	××			××	5-15-23	325	4	××	××					
PLEASE NOTE: Liability at analyses. All claims including service in no event shall C	Liability and Damages. Cardinal's liability including those for negligence and a not shall Cardinal be liable for incidental	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	or any claim be deemed ding without	arising whether based waived unless made in limitation, business into	in contract o writing and erruptions, to	receive receive	hall be limited d by Cardinal se, or loss of p	t or tort, shall be limited to the amount paid by the client for the of received by Cardinal within 30 days after completion of the a loss of use, or loss of profits incurred by client, its subsidiaries	ant paid by the client for the ys after completion of the a ed by client, its subsidiaries,	the ne applicabli ies,							
Relinquished By:	and By:	Sale: 23		Received By)	Mora	-	D		Verbal Result: C All Results are ema	sult:	☐ Yes nailed.	Please pro	Add'I Phone #: ovide Email addre] Yes ☐ No Add'! Phone #: iled. Please provide Email address:			
Relinquished B	1	Dâte: Time:	7	Received By:			1		REMARKS	0/ %	I	TH	7	FT			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Temp.	0.0	7	可可以	. \ 3	S (In)	CHECKED BY:	Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	erID #		Standard Rush	_6	Bacteria (only) Sample Condition Cool Intact Observed Temp. Yes Yes No No Corrected Temp.	100	Sample Condition Observed Temp. °C Corrected Temp. °C	
			1	No	NO	Ĺ	Y	,	Correction	80307	0.00			100		0.00	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

	(575) 393-2326	(575) 393-2326 FAX (575) 393-2476	76				ı	ı	1	ı	1				l	١	١	ı			í	1			1				
Company Name:		nira							Г			118	BILL TO		1			1	Ž	ANALYSIS	- ĕ	줆	KEWUEUI	10	1=	1	1	+	
Project Manager:	Bryan	VAI							P.O.	0. #:)irect	ct Bill Novo	VO							_			_					
Address: 12	229	naire							C	m p	any	0	Company: Oil and Gas	0,							_								
city: Corpu	Corpus Christi	State: TexasZip:	Zip:		78	78412	1		At	Attn:											_								
le #:	361-658-3126	Fax #:							A	Address:	SS:										_			_				_	
**	NVONM2303/001	Project Owner:		Na	n -	Bryan Haney	ey	1	City:	Ÿ.											_								
Project Name:	Novo Goonch Release	h Release							St	State:			Zip:								_			_				_	
Project Location:	n: Loving New Mexico	/ Mexico							무	Phone #:	#						0			_	_								
Sampler Name:	-								Fa	Fax #:							I			_	_								
FOR LAB USE ONLY	9),	\dashv	- 1	3	MATRIX	×		PR	PRESERV.	R.	SAMPLING	ING) IT :		T	+	+			_			Ť		T
Lab I.D.	Sample I.D.	le I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	WASTEWATER SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	\times m \dashv m	トロエ	OMOZO												
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affiliates or successors arising Relinquished By:	ors arising out of or related to the perf ed By:	Date: 5-23	Rec	Received By:	ed	A William	her suc	th clair	10 B	Sed u	M	All S	ther such claim is based upon any of the above same areas	Verbal Result:	ult:	☐ Yes nailed.	Plea	l Yes □ No Add'l Phone #: iled. Please provide Email address:	Add vide E	Add'I Phone #: ide Email addre	one #	SS	1 11	1 11	1 11				
Relinquished B	W.	Date:	Re	Received By:	ed	By:	1	1	0	1	-	1	\	REMARKS:	11	H	+	7	1×	7									
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Sampler - UPS - Bus - Other:	Bus - Other:	Corrected Tamp. "C	5	7		5	Yes Yes	4	es		0	Z	Ċ	Thermometer ID #113	10 #	213				7	No.		5 6	3	rect	ed Te	Corrected Temp °C		

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

e: Altamira er: Bryan Haney 4229 Punta Bonaire Company: Oil a us Christi State: Texaszip: 78412 Address: -658-3126 Fax #: Chry: Bryan Haney City:	(575) 393-23	(575) 393-2326 FAX (575) 393-2476	9/6	ı	l	ı	l	1	١					1	١			1	200			1		
Branch Halley Company: Direct Bill Novo		amira								8		. 70		1		1	P	럄	000		15	1		1
Company: Oil and Gas Where: Bryan Haney City: State: Zip: Phone #: Phone #: Pas #: Fas #: Fas #: Fas #: DATE TIME X H S GRADING	Project Manager: Bryan H	anev						70	0. #		rect	Bill No	OVO			_	_	_			_			
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Address:		State: Texa	SZip:		784	12		A	ä							_	_			_	_			
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Novo Goonch Release State	-			rval	H	ane		Ω	ty:							_	_	_		_	_	_	_	_
Phone #: J Gonzalez Sample I.D. Sample I.D. Bank TRIX PRESERV SAMPUNG CO NO AND ATE TIME ROUND ATE TIM		nch Release						S	ate:		Z	D:					_	_		_				
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edy for any dash arising whether based in contract or but, shall be limited to the amount paid by the client for the stable between waived unless made in writing and received by Cardinal within 30 days after completion of the applicable shall be deemed waived unless made in writing and received by Cardinal in the stable shall be substituted by client, its substituties. Received By: Received By: Received By: Received By: Received By: Cool intact Cool intact (Initials) Correction Fescer -0.5°C Correction Fescer -0.5°C Rush No.			0			×		H	Н	×	H			×	×	×	H	L			L		F	E
Received By: Results are emailed. Please provide Email address: All Results are emailed. Please provide Email address: Received By: Remarks: Re	PLEASE NOTE: Liability and Damages. Cardinal's I analyses. All cislims including those for negligence a service. In no sears shall Cardinal be liable for incidents.	ability and client's exclusive remedy for ind any other cause whatsoever shall be ontal or consequental damages, included	any claim to deemed ing without	arising waived limitation	whethe unless on, busi	r based made in sess inte	in contr writing muption	act or t and re	ort, sha selved of use	If be fimit by Cardin or loss o	ted to the al within	e amount paid n 30 days after s incurred by cl	by the client for completion of lent, its subsidi	the applicable	8									
Date: S Received By: Column	affiliates or successors arising out of or related to the Relinquished By:	performance of services hereunder by Date:	Re	ceive	ed B	Y: 100/01							Verbal R	esult: ts are en	□ Yennailed.	Please p	o Ac	Ema	hone il add	#: ress:				
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	Sampler - UPS - Bus - Other:	Corrected Tamp.	36	7.	705	180		Yes	-	1-	4	Q.	Thermom	eterID #	113 0.5°C				□Yes	□ Yes	Cor	rected	d Temp. °C	



May 18, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/18/23 8:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/18/2023 Sampling Date: 05/17/2023
Reported: 05/18/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G - 33 72-75" (H232507-01)

Chi--id- CM4E00CL D

Chioride, SM4500CI-B	mg,	/ kg	Anaiyze	а ву: АС					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	05/18/2023	ND	384	96.0	400	8.00	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Sampler - UPS - Bus - Other:

Corrected Tamp. "C 5.2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

(010) 030-2020 1 70 (010) 030-241	0-1410				
Company Name: Altamira		BILL TO	,		ANALYSIS REQUEST
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo	Novo		
Address: 14229 Punta Bonaire		Company: Oil and C	Gas	_	
city: Corpus Christi State: Texaszip:	xas zip: 78412	Attn:			
Phone #: 361-658-3126 Fax #:		Address:			
Project #: NVONM2303/001 Project Owner:	vner: Bryan Haney	City:			
ime: Novo Goonch Re		State: Zip:			
Project Location: Loving New Mexico		Phone #:)	
=		Fax #:			
Sampler Name: J. GORZalez	TATOR VICTOR VIC	TOEBU.	MDI ING	I	
FOR LAB USE ONLY	P. MATRIX	PRESERV. SAI	SAMPLING) _	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME × E → B		
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 Liability and Damages. Cardinat's liability and client's exclusivims including those for negligence and any other cause whats vent shall Cardinal be liable for incidental or consequental dam 	ly for any claim arising whether based in control to all be deemed waived unless made in writing cluding without limitation, business interruption	ract or tort, shall be limited to the amount p and received by Cardinal within 30 days a ns, loss of use, or loss of profits incurred b	paid by the client for the after completion of the application of the application, its subsidiaries,	ible	
Relinquished By: Date:	Received By: Verbal Rec	The state and the state of the	Verbal Result:	□ Yes □ No	Add'l Phone #:
C2.812	1	a Market	All Results are e	led. Ple	ide Email address:
Relinquished By: Date: Time:	Received By:	James	REMARKS:	五亿	141
Delivered By: (Circle One)	°C 5.8 Sample Condition	dition CHECKED BY:	Turnaround Time:		Bacteria (only) Sample Condition

Thermometer ID #113 Correction Factor -0.5°

Observed Temp. °C Corrected Temp. °C



May 24, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/22/23 15:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/22/2023 Sampling Date: 05/22/2023

Reported: 05/24/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: WW2 C 0-3' (H232590-01)

	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2023	ND	400	100	400	3.92	
Sample ID: WW3 C 0-3'	-								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/24/2023	ND	400	100	400	3.92	
Sample ID: G 11 96-99" Chloride, SM4500Cl-B	•	•							
Chloride, SM4500Cl-B									
· · · · · · · · · · · · · · · · · · ·		/kg	-	d By: AC		0/ P	T VI 00	222	0 1:5
Analyte	Result	Reporting Limit	Analyze Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
,			-		BS 400	% Recovery	True Value QC 400	RPD 3.92	Qualifier
Analyte	Result 240	Reporting Limit	Analyzed	Method Blank		•	•		Qualifier
Analyte Chloride	Result 240	Reporting Limit	Analyzed	Method Blank ND		•	•		Qualifier
Analyte Chloride Sample ID: G 33 96-99"	Result 240 (H232590-04	Reporting Limit	Analyzed 05/24/2023	Method Blank ND		•	•		Qualifier

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/22/2023 Reported: 05/24/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/22/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 35 96-99" (H232590-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/24/2023	ND	400	100	400	3.92	
Sample ID: G 36 96-99'	' (H232590-06)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	05/24/2023	ND	400	100	400	3.92	
Sample ID: G 37 96-99'	' (H232590-07)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	05/24/2023	ND	400	100	400	3.92	
Sample ID: G 38 96-99'	' (H232590-08)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
			,			•	-		

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

	(5/5) 333-2320 FAA	FAA (010) 333-2	41.0		١	1					١		ANA	ANALYSIS BEO	BEOLIEST	
Company Name:	a: Altamira	nira					BI	BILL 10		1	1	$\frac{1}{2}$	2	- 1		1
Project Manager:	Bryar	ey				P.O. #:	# Dire	Direct Bill No	Novo			_				
Address: 1	229	naire				Com	pany: O	Company: Oil and Gas	S			_			_	
city: Corpu	Corpus Christi	State: Texaszip:	:dizse	78412	12	Attn:					_	_			_	
#:	361-658-3126	Fax#:				Address:	ess:				_	_				
	NVONM2303/001	Project Owner:	-	Bryan Haney	aney	City:						_				
Project Name:	Novo Goonch release	h release				State:	,	Zip:					_			
Project Location:	n: Loving New Mexico	Mexico				Phone #:	1e #:					0				
Sampler Name:	0	Gonzalez				Fax #:	**					I				
FOR LAB USE ONLY			P.	Ŧ	MATRIX		PRESERV.	SAMPLING	LING			0 -				
Lab I.D.	Sample I.D.	e I.D.	G)RAB OR (C)OMP	GROUNDWATER WASTEWATER	SOIL	SLUDGE OTHER : ACID/BASE:	ICE / COOL OTHER :	DATE	TIME	\times m \dashv ϖ	エロー	omo <u>z</u> o				
Masa 10	C.w.	0-3	<u></u>		×		×	85 22 - 5	1430			×				+
3	Lw3C	0-3	0	-	×		×	5-22-23	1440			×				+
2 u	611	96-9911	C	_	×		×	5-22-23 HH8	1446			×	-			+
0	527	96-9911	೧	_	×		×	5-22-23	1466			×	+			+
1	527	96-90'	0	-	×		×	5-22-23	1455			×	-			+
	1-36	96-99"	0	_	×		×	5.22.23	1500			×	+			+
24	637	76-99"	C	_	×		×	5-22-23	1505			×	+			+
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			C		×		×	1				×	+			+
PLEASE NOTE: Liability	PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the pplicable please.	Cerdinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the completion of the any of the client for the section of the sectio	or any claim a	arking wheth	X based in co	ntract or tort, a	Hall be limited	to the amount pak within 30 days after	by the client for completion of	r the		>	+			+
affiliates or successors a	service. In no event shall Cardinal be liable for incidental or our affiliates or successors arising out of or related to the performan	or consequental carriages, industry investment of the control of the control of the control of otherwise, or manual of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.	by Cardinal n	egardless of	whether such	dam is based	upon any of t	the above stated re-	Verbal Result:	esult:	□ Yes	o No	Add	Add'l Phone #:		
Relinquished By:	M. By:	Time:	O	Veceived da	in .	000	D	A.	All Result	's are er	nailed.	Please p	rovide E	All Results are emailed. Please provide Email address:		
Refinquished E	BY	Date:	-	Received By:	Y:		1	1	REMARKS	(S:	1	_	7	717		
1	1	Time:	+								5	7		Parteria (only	Sample Condition	
Delivered By: (Circle One)	(Circle One)	Observed Temp	1.6 3.6		Sample Condition	ndition	CHEC	CHECKED BY: (Initials)	Turnaround Time:	nd Time	15	Standard	وا	Cool Intact	Cool Intact Observed Temp. °C	- 29
Sampler - UPS	Sampler - UPS - Bus - Other:	Corrected Temp. "C 3.0	0.60	_	Yes Yes	Yes	1	.9	Thermometer ID #113 Carrection Factor -0.5°C	Factor F	#113 -0.5°C			No No	Corrected Temp. °C	



May 24, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/22/23 15:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WW 2 - 1 (0-8')	H232590-01	Soil	22-May-23 14:30	22-May-23 15:28
WW 3 - 1 (0-8')	H232590-02	Soil	22-May-23 14:40	22-May-23 15:28
G 11 96-99"	H232590-03	Soil	22-May-23 14:45	22-May-23 15:28
G 33 96-99"	H232590-04	Soil	22-May-23 14:50	22-May-23 15:28
G 35 96-99"	H232590-05	Soil	22-May-23 14:55	22-May-23 15:28
G 36 96-99"	H232590-06	Soil	22-May-23 15:00	22-May-23 15:28
G 37 96-99"	H232590-07	Soil	22-May-23 15:05	22-May-23 15:28
G 38 96-99"	H232590-08	Soil	22-May-23 15:10	22-May-23 15:28

05/24/23 - Client changed the sample ID of -01 and -02 (see COC). This is the revised report and will replace the one sent earlier today, 05/24/23.

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

WW 2 - 1 (0-8') H232590-01 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				Cardina	al Laborat	ories					
]	Inorganic Compounds										
•	Chloride	32.0		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B	

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Celeg D. Keene

Reported:

24-May-23 16:19



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

WW 3 - 1 (0-8') H232590-02 (Soil)

Analyte Result MDL Reporting Limit Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

 Inorganic Compounds

 Chloride
 48.0
 16.0
 mg/kg
 4
 3052407
 AC
 24-May-23
 4500-Cl-B

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Celeg D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

G 11 96-99" H232590-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

G 33 96-99" H232590-04 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
	Cardinal Laboratories													
]	Inorganic Compounds													
(Chloride	1020		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B				

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

G 35 96-99" H232590-05 (Soil)

Reporting Limit Result MDL Dilution Units Analyzed Method Notes Analyte Batch Analyst **Cardinal Laboratories Inorganic Compounds** 16.0 3052407 AC 24-May-23 4500-Cl-B Chloride 2640 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

G 36 96-99" H232590-06 (Soil)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst **Cardinal Laboratories Inorganic Compounds** 16.0 3052407 AC 24-May-23 4500-Cl-B Chloride 3040 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

G 37 96-99"

H232590-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes				
	Cardinal Laboratories													
Inorganic Compounds														
Chloride	2720		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B					

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

G 38 96-99" H232590-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chlorido	736		16.0	ma/ka	4	3052407	ΔC	24_May-23	4500-C1-B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 24-May-23 16:19

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3052407 - 1:4 DI Water										
Blank (3052407-BLK1)				Prepared &	: Analyzed:	24-May-23				
Chloride	ND	16.0	mg/kg							
LCS (3052407-BS1)				Prepared &	Analyzed:	24-May-23				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (3052407-BSD1)				Prepared &	Analyzed:	24-May-23	i			
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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Celey D. Keens



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 F	(575) 393-2326 FAX (575) 393-24/6								107
Company Name: Altamira	Σ.		BILL TO		1		A	ANALYSIS KEW	KEQUEST
Project Manager: Bryan Haney	V		P.O. #: Direct Bill Novo	Vovo	_				
Address: 14229 Punta Bonaire	aire		company: Oil and Gas	as	_				
city: Corpus Christi	State: TexasZip:	p: 78412	Attn:		_				
Phone #: 361-658-3126	Fax #:		Address:		_			_	
	Project Owner:	Bryan Haney	City:						
Project Name: Novo Goonch release	release		State: Zip:		_			_	
Project Location: Loving New Mexico	Mexico		Phone #:		_	0			
Gonzalez.J.	Gonzalez		Fax #:		_	I			
Ι.		VIGTAM	ESERV	SAMPLING	_				
Lab I.D. Sample I.D.	B OR (C)OMP.	UNDWATER FEWATER	ER: /BASE: COOL ER:		m -1 m	mozor			
H232590 2110.	1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# G W S O	A × IC	284/12	+	×			
_	3/0.8.)	C	X 5-22-3	-		×			
2000		-	× 5-22-2	5-22-23/445	-	×			
6 55-7 0	6-9911 C	-	X 5-21-13	3 1466	-	×			
C1-35 9	6-99"		× 5-22-23	3 1455	-	_	×		
6 636 9	1.99"	C ~	× 5-11-23	3/50	-		×		
7637 4	1-99"	C / X	× 5-72-23	3 1505	-		×		
8638 96	-941	-	× 5-22-23	3 1510	+		××		
		× >	×			×			
PLEASE NOTE: Lability and Damages. Cardinal's liability and of analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or coms	id client's exclusive remedy for any claim arising whither cause whatspever shall be deemed waived uniting course whatspever shall be deemed waived uniting without limitation,	daim arising whether based in contract or tort, shall threed waived unless made in writing and received by thout limitation, business interruptions, loss of use, o	be limited to the amount a Cardinal within 30 days or loss of profits incurred	paid by the client for the after completion of the a by client, its subsidiaries, or otherwise.	applicable.				
Relinquished By:	Date: 5-23-23	Received By:	The same	Verbal Result: All Results are	ult:	iled. Plea	ase provid	Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address:	
Refinquished by:	0	Received By:		REMARKS:	CE CE	1	The	A STATE	TO THE STATE OF
	S .	Sample Condition	dition CHECKED BY:	Turnaround Time:	Time:	Sta	Standard	1	ca
Delivered By: (Circle One)	Chanced lamb.	-		Thermometer ID #113	ID #11			Cool Intact	
Sampler - UPS - Bus - Other:	Corrected lamp. Colo	No No		Correction F.	-0.5	3°C		L No L No	Corrected Temp. "C



May 24, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/23/23 15:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Reported: 05/24/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/23/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 2 96-99" (H232632-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	'8						

Sample ID: G 3 96-99" (H232632-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Reported: 05/24/2023

NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Location: LOVING NM

Sampling Date:

05/23/2023

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

.,...

Sample ID: G 4 96-99" (H232632-03)

Project Name:

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	117 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Sample ID: G 5 96-99" (H232632-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.2	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	734	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	43.2	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	126	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Reported: 05/24/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/23/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 6 96-99" (H232632-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	213	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14	8						

Sample ID: G 7 96-99" (H232632-06)

hloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	164	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	118 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Reported: 05/24/2023

NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Location: LOVING NM

Sampling Date: 05/23/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

Sample ID: G 8 96-99" (H232632-07)

Project Name:

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	91.1	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Sample ID: G 9 96-99" (H232632-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	153	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Reported: 05/24/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/23/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 10 96-99" (H232632-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	95.8	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	754	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	33.9	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	134	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

Sample ID: G 12 96-99" (H232632-10)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	05/24/2023	ND	432	108	400	3.64	
H 8015M mg/kg		/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.7	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	387	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	10.6	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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05/23/2023

Soil

Sampling Date:

Sampling Type:

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Reported: 05/24/2023

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 13 96-99" (H232632-11)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.5	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	206	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Sample ID: G 14 96-99" (H232632-12)

hloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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05/23/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Sampling Date:

Reported: 05/24/2023 Sampling Type:

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 15 96-99" (H232632-13)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	05/24/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Sample ID: G 34 96-99" (H232632-14)

Chloride, SM4500Cl-B	mg,	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	05/24/2023	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	79.2	10.0	05/23/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	1710	10.0	05/23/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	96.3	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	133	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Sampling Date: 05/23/2023
Reported: 05/24/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 39 96-99" (H232632-15)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	05/24/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	11.3	10.0	05/24/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Sample ID: G 40 96-99" (H232632-16)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/24/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Sampling Date: 05/23/2023
Reported: 05/24/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 41 96-99" (H232632-17)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/24/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

Sample ID: G 42 96-99" (H232632-18)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/24/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey & Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/23/2023 Sampling Date: 05/23/2023
Reported: 05/24/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 46 96-99" (H232632-19)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	05/24/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	ND	191	95.7	200	2.86	
DRO >C10-C28*	130	10.0	05/24/2023	ND	167	83.5	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Company Name:		BILL TO			A	ANALYSIS REQUEST
Project Manager: Brian Haney		P.O. #: Direct Bill Novo	Novo	\exists		
229		company: Oil and Gas	ias			
city: Corpus Christi state: Texaszip:	(aszip: 78412	Attn:				
le #:		Address:				
Project #: NVONM2303/001 Project Owner:	er: Bryan Haney	City:		_		
Project Name: Novo Goonch release		State: Zip:			_	
Project Location: Loving New Mexico		Phone #:			0	
0		Fax #:			I	
FOR LAB USE ONLY	IP. MATRIX	PRESERV.	SAMPLING		0 -	
Lab I.D. Sample I.D.		HER: ID/BASE: E/COOL HER:	cm –i æ	C 70 H	» m ∪ <u>л</u> С	
H233633 (-7 96-00")	# C GR W/ × SC	AC X ICI	3 /230	+		
263 96-991	C 1	× 5-23-2	1	×		
3/4 96-99"	О Х	× 5-23-23	0H21 E	×	×	
465 96-99"	О -	X 523-23		×	×	
566 96-9911	0	10	200	××		
2/20 06-0011	> C	× 5-23-23		X	×>	
11.00-00 0 0 1 8	-	× 5-23 23	3/305	X	×	
"bb-9b 019 6	-	× 523-23	W	×		
$D[\mathcal{L}/2]$ on EASE NOTE: I ability and Damanos. Cardinal's liability and client's exclusive removy for	C / X	whether based in contract or tort, shall be limited to the amount p	M paid by the client for the	8	×	
ms including those for negligence and any other cause whatsoever ms including those for negligence and any other cause whatsoever ent shall Cardinal be liable for incidental or consequental damages. segns arising out of or related to the performance of services hereur	I be deemed waived unless made in w uding without limitation, business interr by Cardinal, regardless of whether su	n witing and received by Cardinal within 30 days after completion of the a ercuptions, loss of use, or loss of profits incurred by client, its subsidiaries such claim is based upgn any of the above stated reasons or otherwise.	ther completion of the appl y client, its subsidiaries, reasons or otherwise.	1	1	
Relinquished By: Date: 33-33	Received By:	The state of the s	All Results are ema	emailec	ed. Please provid	iled. Please provide Email address:
Relinquished by:	Received By:		REMARKS:	-	14 110	TAT
Delivered By: (Circle One)	Sample C	tion CH	Turnaround Time:	me:	Standard	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other: Corrected Temp.		s Pres	Thermometer ID	#113 -0.5°C		□ Yes □ Yes □ No

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

10.7					4	ANALYSIS BEDLIEST
Company Name: Alfa	Alfamira		DITT IO		- 1	TO THE COLO.
Project Manager: Bryan Haney	iney		P.O. #: Direct Bill Novo	lovo		
Address: 14229 Punta Bonaire	onaire		Company: Oil and Gas	as		
city: Corpus Christi	State: Texaszip:	Zip: 78412	Attn:		_	
le #	Fax #:		Address:			
Project #: NVONM2303/001	Project Owner:	: Bryan Haney	City:			
Project Name: Novo Goonch release	ch release		State: Zip:			
Project Location: Loving New Mexico	w Mexico		Phone #:)	
~	Gonzalez		Fax #:		I	
FOR LABUSE ONLY		MATRIX	PRESERV. SAM	SAMPLING) [
Lab I.D. Samp	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME X	ото <u>ч</u>	
11/6/13	1106-76	×		1370	×	
11/2/11	1100-90	Ω -	X 5-23-3	1325	×	
13/2/5	06-90"	C . X	X 5-23-23	1330	×	
14/234	06-9911	о - ×	X 5.23-28	1335	×	
15/539	96-99"	CIX	10	1340	×	
0451	1136-20	C - X	× 5.238	1342	×	
17641	46-99"	C 1 ×	X 5-23-23	1344	×	
18642	96-99 "	CIX	× 5-23-23	346	×	
19646	46-99 H	C 1 ×	X 52323	1348	×	
PLEASE NOTE: Dability and Damages, Cardinal's liability and clients exclusive remedy for any plain arising whether based in contract or for, shall be limited to the amount paid by the client for the applicable.	ity and client's exclusive remedy for a	C X y claim arising whether based in continuous made in within	X in contract or fort, shall be limited to the amount paid by the client for the without and received by Cardinal within 30 days after completion of the st	id by the client for the golicable	×	
service. In no event shall Cardinal be liable for incidental of consequential dathages, incurring will out in lawning, was one or the property of the above stated reasons or otherwise, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise. Verhal Rest	al or consequental damages, including	ardinal, regardless of whether such claim is based	aim is based upon any of the above stated r	Verbal Result:	Yes □ No A	Add'l Phone #:
Relinquisned by:	5-23-23 Time: 28	South of the second of the sec		All Results are ema	iled. Please provi	e Email address:
Relinquished B#:	Date:	Received By:		REMARKS:	h2	专工工
Delivered By: (Circle One)	Opserved Temp. C	Sample Condition	dition CHECKED BY:	Turnaround Time:	Standard Rush	C B
Sampler - UPS - Bus - Other:	Corrected Temp. "C	8 5	P	Thermometer ID #113		□ Yes □ Yes

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



May 26, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/25/23 13:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/25/2023 Sampling Date: 05/25/2023
Reported: 05/26/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: WW - 2 - 2 0-8' (H232667-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	212	106	200	1.68	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	189	94.5	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

Sample ID: WW - 3 - 2 0-8' (H232667-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	212	106	200	1.68	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	189	94.5	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326	(575) 393-2326 FAX (575) 393-2476						
Company Name: Altamira	ווים		BILL TO			ANALYSIS REQUEST	
Bryan	ev ev	P.O.	#: Direct Bill Novo	OVO			
229	naire	Con	Company: Oil and Gas	0)			
city: Corpus Christi	State: Texaszip: 78	78412 Attn:					
le #	Fax#:	Add	Address:				
	Project Owner: Bryan Haney	Haney city:					
Project Name: Novo Goonch release	n release	State:	le: Zip:		_		
Project Location: Loving New Mexico	Mexico	Pho	Phone #:		n		
0	Gonzalez	Fax #:	#		I		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ING	_		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:	TIME XETB	т ¬		
12.2 ww -2-2	- #	×	×	0930	XX		
2 Uw-3-2	200 C	×	× 5-25-8	0950	×		
D	C	×	×		×		
	C	×	×		×		
	C	×	×		×		
	0	×	×		×		
	0	×	×		×		
	C	×	×		×		
	0	×	×		×		
	0	×	×		×		
PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any plaim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in verting and received by Cardinal with 130 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits intured by client its subsidiaries.	and client's exclusive remedy for any claim arising why other cause whatsoever shall be deemed walved unly consequental damages, induding without limitation, is	ther based in contract or tort ess made in writing and recei usiness interruptions, loss of	shall be limited to the amount paid wed by Cardinal with \ 30 days after use, or loss of profits incurred by of	int paid by the client for the ys after completion of the applicat ad by client, its subsidiaries,	tie		
affiliates or successors arising out of or related to the performance. Relinquished By:	Times	By:		Verbal Result: All Results are e	☐ Yes ☐ No mailed. Please pro	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By	Date: Received By	By:		REMARKS:	24 Hr	141	
Delivered By: (Circle One)	Observed Temp. OC 6,0	Sample Condition	≾	Turnaround Time:	e: Standard Rush	90	Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. "C 5.4	Yes Yes	40	Thermometer ID #113	113 To. 5/25/28	25/28 No No Corrected Temp. °C	T



May 30, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/26/23 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Sampling Date: 05/26/2023

Reported: 05/30/2023 Sampling Type: Soil Project Name: NOVO GOONCH RELEASE Sampling Condition: Coo

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 4 120-123" (H232715-01)

Chloride, SM4500Cl-B Analyzed By: GM Analyte Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Oualifier Result 576 432 400 Chloride 16.0 05/30/2023 ND 108 3.77

Sample ID: G 5 120-123" (H232715-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	217	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	15.1	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	14						

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celeg & Freene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Reported: 05/30/2023

NOVO GOONCH RELEASE

Project Name: NOVO GOONCH R
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 6 120-123" (H232715-03)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	228	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	14.5	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 %	% 49.1-14	8						

Sample ID: G 7 120-123" (H232715-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11100	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	103	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Reported: 05/30/2023

NOVO GOONCH RELEASE NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 8 120-123" (H232715-05)

Project Name:

Project Number:

Chloride, SM4500Cl-B Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 15400 16.0 05/30/2023 ND 432 108 400 3.77

Sample ID: G 9 120-123" (H232715-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15700	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	76.2	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	2560	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	158	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	'8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Sampling Date: 05/26/2023

Reported: 05/30/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 10 120-123" (H232715-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	20.5	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

Sample ID: G 12 120-123" (H232715-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	37.3	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Sampling Date: 05/26/2023 Reported: 05/30/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 13 120-123" (H232715-09)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1540	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	4090	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	173	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	332 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Sample ID: G 15 120-123" (H232715-10)

Chlorido CM4E00CL D

Chioride, SM4500CI-B	mg	/ kg	Anaiyze	а ву: ым					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	05/30/2023	ND	432	108	400	3.77	

Analyzed By CM

Sample ID: G 33 120-123" (H232715-11)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/30/2023	ND	432	108	400	3.77	

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Reported: 05/30/2023

NOVO GOONCH RELEASE

Project Name: NOVO GOONCH REI Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 05/26/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 34 120-123" (H232715-12)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	05/30/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	35.9	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

Sample ID: G 35 120-123" (H232715-13)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/30/2023	ND	432	108	400	3.64	

Sample ID: G 36 120-123" (H232715-14)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/30/2023	ND	432	108	400	3.64	

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Sampling Date: 05/26/2023

Reported: 05/30/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 37 120-123" (H232715-15)

Chloride, SM4500CI-B mg/kg Analyzed By: GM

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 960 16.0 05/30/2023 ND 432 108 400 3.64

Sample ID: G 38 120-123" (H232715-16)

Chloride, SM4500Cl-B Analyzed By: GM Analyzed BS True Value QC RPD Analyte Result Reporting Limit Method Blank Qualifier % Recovery Chloride 1200 16.0 05/30/2023 432 400 3.64 ND 108

Sample ID: G 39 120-123" (H232715-17)

Chloride, SM4500Cl-B Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 944 05/30/2023 ND 432 400 16.0 108 3.64

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Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 05/26/2023 Sampling Date: 05/26/2023 Reported: 05/30/2023 Sampling Type: Soil

Project Name: **NOVO GOONCH RELEASE** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NVONM2303/001

Project Location: LOVING NM

Sample ID: G 46 120-123" (H232715-18)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	05/30/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	ND	180	90.2	200	7.56	
DRO >C10-C28*	36.0	10.0	05/27/2023	ND	184	91.8	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	05/27/2023	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

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June 05, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/02/23 16:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Wite Sough

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

 Received:
 06/02/2023

 Reported:
 06/05/2023

 Sampling Date:
 06/02/2023

 Sampling Type:
 Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 5 144-147" (H232817-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/05/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	13.8	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.5	% 49.1-14	8						

Sample ID: G 6 144-147" (H232817-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	06/05/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	109	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2023 Reported: 06/05/2023

Project Name: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 7 144-147" (H232817-03)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3720	16.0	06/05/2023	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	81.3	10.0	06/05/2023	ND	152	75.8	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	06/05/2023	ND					
Surrogate: 1-Chlorooctane	84.0 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2 9	% 49.1-14	18						

Sample ID: G 8 144-147" (H232817-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	06/05/2023	ND	448	112	400	11.3	

Sample ID: G 9 144-147" (H232817-05)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8480	16.0	06/05/2023	ND	448	112	400	11.3	

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Гах

Received: 06/02/2023 Sampling Date: 06/02/2023

Reported: 06/05/2023 Sampling Type: Soil
Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 10 144-147" (H232817-06)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1150 06/05/2023 400 16.0 ND 448 112 11.3

Sample ID: G 12 144-147" (H232817-07)

Chloride, SM4500Cl-B Analyzed By: AC Analyzed BS True Value QC RPD Analyte Result Reporting Limit Method Blank % Recovery Qualifier Chloride 1660 16.0 06/05/2023 448 400 11.3 ND 112

Sample ID: G 13 144-147" (H232817-08)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	06/05/2023	ND	448	112	400	11.3	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2023	ND	158	79.1	200	0.728	
DRO >C10-C28*	173	10.0	06/05/2023	ND	152	75.8	200	7.04	
		10.0	06/05/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134
Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2023 Reported: 06/05/2023

06/05/2023 NOVO GOONCH RELEASE

Project Name: NOVO GOONCH R
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 15 144-147" (H232817-09)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8080	16.0	06/05/2023	ND	448	112	400	11.3	
Sample ID: G 33 144-14	I7" (H232817-	10)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	06/05/2023	ND	448	112	400	11.3	
Sample ID: G 34 144-14 Chloride, SM4500Cl-B	•	· 11) /kg	Analyze	d By: AC					
·			_						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	06/05/2023	ND	448	112	400	11.3	
Sample ID: G 35 144-14	17" (H232817-	·12)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	06/05/2023	ND	448	112	400	11.3	
Sample ID: G 36 144-14	I7" (H232817-	.13)							
Chloride, SM4500Cl-B	mg	-	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	06/05/2023	ND	448	112	400	11.3	

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Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2023 Reported: 06/05/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/02/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 37 144-147" (H232817-14)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1840 16.0 06/05/2023 ND 448 112 400 11.3

Sample ID: G 38 144-147" (H232817-15)

Chloride, SM4500Cl-B Analyzed By: AC BS RPD Analyte Reporting Limit Analyzed Method Blank True Value QC Qualifier Result % Recovery 16.0 06/05/2023 Chloride 1140 ND 448 112 400 11.3

Sample ID: G 39 144-147" (H232817-16)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 848 06/05/2023 400 16.0 ND 448 112 11.3

Sample ID: G 46 144-147" (H232817-17)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyte Result Analyzed Method Blank BS % Recovery True Value QC **RPD** Qualifier Chloride 8080 16.0 06/05/2023 ND 448 112 400 11.3

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name: Project Manager: Address: 14: City: Corpus	0 2	Altamira Altamira Bryan Haney 29 Punta Bonaire Christi State: Texaszip:	76	78	78412			P.O. Attn	P.O. #: Compa	an	Y D 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Oil a	BILL TO Direct Bill No y: Oil and Gas	P.O.#: Direct Bill Novo Company: Oil and Gas Attn:	rect Bill Novo	rect Bill Novo	rect Bill Novo Dil and Gas	rect Bill Novo	VO	Vo	Vo	ANALYSIS	ANALYSIS	VO
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9	6/3	144-14711	0	-		×	+	+	+	+	×	5	di	5.23	-	-	-	1438 X	1438 X	1438 X	1438 X	1438 X	1438 X	1438 X	1438 X
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PLEASE NOTE: Liability analyses, All claims incluses service, in no event shall	yand Damages. Cardinal's uding those for negligence Il Cardinal be liable for incid	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount gad by the claims and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicab aralyses. All claims including those for inegligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicab aralyses. In claims a contract the contract of the contract	any claim as e deemed w ng without lin	arising whether based in contract or fort, shall be walved unless made in writing and received by Collimitation, business interruptions, loss of use, or lo	ether be less mai busines	sed in w	ting a	nd re	ort, st celver of us	all b	ardin loss o	imited to the irdinal within as of profits	n 30 c	ount paid lays after med by old taled rea	ount paid by the client to lays after completion of the med by client, its subsidial taked leasons of otherwa	ount pad by the chent to the applicable red by client its subsidiaries, taked reasons or otherwise.	ount gaid by the clerk to know has a based and a subsidiaries. Anded teasons of officerwise.	ount pain by the cheritable over lays after completion of the applicable med by client, its subsidiaries, taken reasons of otherWise.	ount gad by the clemino are lays after completion of the applicable med by client, its subscitation.	6	6	6	6	6	6
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Sampler - UPS	Sampler - UPS - Bus - Other:	Corrected Temp. "C	10		☐ Yes ☐ Yes ☐ No ☐ No	Yes		No				. <			Correction	Correction Factor	Correction Factor -0.5°C	Correction Factor -0.5°C	Correction Factor -0.5°C	Correction Factor -0.5°C	Carraction Factor -0.5°C	-0.5°C	-0.5°C	-0.5°C	Corrected Temp. C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

	(575) 393-2326	(575) 393-2326 FAX (5/5) 393-24/5	9		П	L	1	ı	1	1	1	1	1	4	1					ANA	ANALYSIS REQUEST	IEST
Company Name:	Altamira	ira											Ø	15	BILL 10		$\frac{1}{2}$	+	+		- 1	
Project Manager:	Bryar	ey								P.O. #:	1.2	1.77	P	. G	Direct Bill Novo	OVO	_	_	_			
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city: Corpu	Corpus Christi	State: TexasZip:	Zip:		78	78412	10			Attn:	3							_				
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	NVONM2303/001	Project Owner:		Bryan Haney	UE	Ha	ne	<		City:	Ÿ.						_	_				
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FOR LAB USE ONLY			OMP.	6	ER			3					1	1			1		000			
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N S	1/2 3/6	"KHI"HHI	0				×						×		18229	1500		-	×	-		
-	737	1441-14711	0				×						×		6223	1505		_	×	-		
N	82 7	" LMI-HH!	0				×						×		222.9	1510		-	×	+		
5	62 7	1441-14711	0				×				_		×	_	2-2-23	1515		-	×	+		
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PLEASE NOTE: Liability a analyses. All claims include	PLEASE NOTE: Lability and Clamages. Cardinal's liability and client's exclusive rem eralyses. All claims including those for negligence and any other cause whatsoever earlies in no event shall Cardinal be liabile for incidental or consequential damages.	PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the applicable ready see. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal which 30 days after completion of the applicable ready seemed which are the contract of the production of the applicable ready seemed and the cause whatsoever shall be deemed which and the inclination of the contract of the production of t	ny dain deemed	way	ed un	ether less m	based lade l	m co	ntrac ing ar	loss branch	of us	all by C	ardin loss o	al w	in contract or fort, shall be limited to the amount painwriting and received by Cardinal within 30 days after ruptions, loss of use, or loss of profits incurred by	acy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the small be deemed waved unless made in writing and received by Cardinal within 50 days after completion of the a notuting without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, notuting without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, notuting without limitation, business interruptions, loss of use, or loss of profits incurred by client, its profits and the profits in the contraction of the profits in the contraction of the contrac	the e applicable les.					
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Delivered By: (Circle One)	Circle One)	Observed Temp. °C		-		Co	Sample Condition Cool Intact	SE	Age ad	tio	/-	0	_ H	F 0	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #1	nd Time: er ID #1		Standard Rush	_90	Bacteria (only) Cool Intact Yes Yes	co
Sampler - IIPS - Bus - Other:	Bus - Other:	Corrected Temp. *C	1	0			Ye	(n	3	S	_		1	1	G	Thermometer ID	neter ID #1	#113			No S	Corrected Temp. °C



June 07, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/02/23 16:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G 5 144-147"	H232817-01	Soil	02-Jun-23 14:00	02-Jun-23 16:37
G 6 144-147"	H232817-02	Soil	02-Jun-23 14:05	02-Jun-23 16:37
G 7 144-147"	H232817-03	Soil	02-Jun-23 14:10	02-Jun-23 16:37
G 8 144-147"	H232817-04	Soil	02-Jun-23 14:15	02-Jun-23 16:37
G 9 144-147"	H232817-05	Soil	02-Jun-23 14:20	02-Jun-23 16:37
G 10 144-147"	H232817-06	Soil	02-Jun-23 14:25	02-Jun-23 16:37
G 12 144-147"	H232817-07	Soil	02-Jun-23 14:30	02-Jun-23 16:37
G 13 144-147"	H232817-08	Soil	02-Jun-23 14:35	02-Jun-23 16:37
G 15 144-147"	H232817-09	Soil	02-Jun-23 14:40	02-Jun-23 16:37
G 33 144-147"	H232817-10	Soil	02-Jun-23 14:45	02-Jun-23 16:37
G 34 144-147"	H232817-11	Soil	02-Jun-23 14:50	02-Jun-23 16:37
G 35 144-147"	H232817-12	Soil	02-Jun-23 14:55	02-Jun-23 16:37
G 36 144-147"	H232817-13	Soil	02-Jun-23 15:00	02-Jun-23 16:37
G 37 144-147"	H232817-14	Soil	02-Jun-23 15:05	02-Jun-23 16:37
G 38 144-147"	H232817-15	Soil	02-Jun-23 15:10	02-Jun-23 16:37
G 39 144-147"	H232817-16	Soil	02-Jun-23 15:15	02-Jun-23 16:37
G 46 144-147"	H232817-17	Soil	02-Jun-23 15:20	02-Jun-23 16:37

06/07/23 - Client added TPH to sample -05 (see COC). This is the revised report and will replace the one sent on 06/05/23.

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Celeg D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 5 144-147" H232817-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	416		16.0	mg/kg	4	3060526	AC	05-Jun-23	4500-Cl-B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
DRO >C10-C28*	13.8		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctane			78.5 %	48.2	-134	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			77.5 %	49.1	-148	3060226	MS	05-Jun-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 6 144-147" H232817-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4800		16.0	mg/kg	4	3060526	AC	05-Jun-23	4500-Cl-B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
DRO >C10-C28*	109		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctane			79.7 %	48.2	-134	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			83.2 %	49.1	-148	3060226	MS	05-Jun-23	8015B	

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Celeg D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 7 144-147" H232817-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3720		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-Cl-B	QM-07
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
DRO >C10-C28*	81.3		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctane			84.0 %	48.2	-134	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			85.2 %	49.1	-148	3060226	MS	05-Jun-23	8015B	

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4960

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE

3060527

AC

05-Jun-23

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

4500-Cl-B

G 8 144-147" H232817-04 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

Inorganic Compounds

mg/kg

16.0

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 9 144-147" H232817-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	8480		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-Cl-B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	32.9		10.0	mg/kg	1	3060606	MS	06-Jun-23	8015B	
DRO >C10-C28*	1760		10.0	mg/kg	1	3060606	MS	06-Jun-23	8015B	
EXT DRO >C28-C36	164		10.0	mg/kg	1	3060606	MS	06-Jun-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3060606	MS	06-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	3060606	MS	06-Jun-23	8015B	

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1150

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05-Jun-23

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

3060527

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

4500-Cl-B

G 10 144-147" H232817-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 12 144-147" H232817-07 (Soil)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst

Cardinal Laboratories

Inorganic Compounds

16.0 3060527 AC 05-Jun-23 4500-Cl-B Chloride 1660 mg/kg

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 13 144-147" H232817-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	20000		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-Cl-B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
DRO >C10-C28*	173		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
EXT DRO > C28-C36	11.2		10.0	mg/kg	1	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctane			78.4 %	48.2	-134	3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			83.6 %	49.1	-148	3060226	MS	05-Jun-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 15 144-147" H232817-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					

Inorganic Compounds 16.0 3060527 05-Jun-23 4500-Cl-B Chloride 8080 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 33 144-147" H232817-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

 Inorganic Compounds
 1200
 16.0
 mg/kg
 4
 3060527
 AC
 05-Jun-23
 4500-Cl-B

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 34 144-147" H232817-11 (Soil)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst

Cardinal Laboratories

Inorganic Compounds

3060527 AC 05-Jun-23 4500-Cl-B Chloride 6640 16.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 35 144-147" H232817-12 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

 Inorganic Compounds

 Chloride
 1090
 16.0
 mg/kg
 4
 3060527
 AC
 05-Jun-23
 4500-Cl-B

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 36 144-147" H232817-13 (Soil)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst **Cardinal Laboratories**

Inorganic Compounds 16.0 3060527 AC 05-Jun-23 4500-Cl-B Chloride 1650 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Reported: 07-Jun-23 09:18

Fax To:

G 37 144-147" H232817-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chlorido	1040		16.0	ma/ka	1	3060527	۸C	05 Jun 23	4500 CLB	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 38 144-147" H232817-15 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

 Inorganic Compounds

 Chloride
 1140
 16.0
 mg/kg
 4
 3060527
 AC
 05-Jun-23
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 39 144-147" H232817-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					

Cardinal Laboratories

Inorganic Compounds								
Chloride	848	16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

G 46 144-147" H232817-17 (Soil)

Analyte Result MDL Reporting Limit Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

 Inorganic Compounds

 Chloride
 8080
 16.0
 mg/kg
 4
 3060527
 AC
 05-Jun-23
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3060526 - 1:4 DI Water										
Blank (3060526-BLK1)				Prepared &	Analyzed:	05-Jun-23				
Chloride	ND	16.0	mg/kg							
LCS (3060526-BS1)				Prepared &	Analyzed:	05-Jun-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3060526-BSD1)				Prepared &	Analyzed:	05-Jun-23				
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	
Batch 3060527 - 1:4 DI Water										
Blank (3060527-BLK1)				Prepared &	Analyzed:	05-Jun-23				
Chloride	ND	16.0	mg/kg							
LCS (3060527-BS1)				Prepared &	Analyzed:	05-Jun-23				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (3060527-BSD1)				Prepared &	Analyzed:	05-Jun-23				
Chloride	400	16.0	mg/kg	400		100	80-120	11.3	20	

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%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Spike

Source

Fax To:

Reported: 07-Jun-23 09:18

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Bource		/OKEC		KI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060226 - General Prep - Organics										
Blank (3060226-BLK1)				Prepared: (02-Jun-23 A	nalyzed: 0	5-Jun-23			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.9		mg/kg	49.6		86.6	48.2-134			
Surrogate: 1-Chlorooctadecane	42.8		mg/kg	50.0		85.5	49.1-148			
LCS (3060226-BS1)				Prepared:	02-Jun-23 A	analyzed: 0	5-Jun-23			
GRO C6-C10	158	10.0	mg/kg	200		79.1	78.5-124			
DRO >C10-C28	152	10.0	mg/kg	200		75.8	72.5-126			
Total TPH C6-C28	310	10.0	mg/kg	400		77.5	77.6-123			BS-
Surrogate: 1-Chlorooctane	40.0		mg/kg	49.6		80.6	48.2-134			
Surrogate: 1-Chlorooctadecane	37.8		mg/kg	50.0		75.5	49.1-148			
LCS Dup (3060226-BSD1)				Prepared: (02-Jun-23 A	analyzed: 0	5-Jun-23			
GRO C6-C10	157	10.0	mg/kg	200		78.5	78.5-124	0.728	17.7	
DRO >C10-C28	163	10.0	mg/kg	200		81.4	72.5-126	7.04	21	
Total TPH C6-C28	320	10.0	mg/kg	400		80.0	77.6-123	3.15	18.5	
Surrogate: 1-Chlorooctane	38.6		mg/kg	49.6		77.8	48.2-134			
Surrogate: 1-Chlorooctadecane	36.7		mg/kg	50.0		73.4	49.1-148			
Batch 3060606 - General Prep - Organics										
Blank (3060606-BLK1)				Prepared &	& Analyzed:	06-Jun-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.0		mg/kg	49.6		80.7	48.2-134			

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mg/kg

50.0

82.0

49.1-148

41.0

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Surrogate: 1-Chlorooctadecane



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Spike

Source

Project Manager: BRYAN HANEY

Fax To:

Reported: 07-Jun-23 09:18

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3060606 - General Prep - Organics										
LCS (3060606-BS1)				Prepared &	k Analyzed:	06-Jun-23				
GRO C6-C10	191	10.0	mg/kg	200		95.7	78.5-124			
DRO >C10-C28	171	10.0	mg/kg	200		85.4	72.5-126			
Total TPH C6-C28	362	10.0	mg/kg	400		90.6	77.6-123			
Surrogate: 1-Chlorooctane	43.8		mg/kg	49.6		88.4	48.2-134			
Surrogate: 1-Chlorooctadecane	42.9		mg/kg	50.0		85.8	49.1-148			
LCS Dup (3060606-BSD1)				Prepared &	દે Analyzed:	06-Jun-23				
GRO C6-C10	192	10.0	mg/kg	200		95.9	78.5-124	0.162	17.7	
DRO >C10-C28	171	10.0	mg/kg	200		85.6	72.5-126	0.176	21	
Total TPH C6-C28	363	10.0	mg/kg	400		90.7	77.6-123	0.169	18.5	
Surrogate: 1-Chlorooctane	44.8		mg/kg	49.6		90.4	48.2-134			
Surrogate: 1-Chlorooctadecane	43.4		mg/kg	50.0		86.9	49.1-148			

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS
	recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 23 of 25

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Project Manager:	,	Allatilla				Ī			80									
	Bryan Haney	VAUE				P.O. #:	_	Direct Bill Novo	000	_	4	+	X				-	
Address: 142	14229 Punta E	Bonaire				Com	<u>ا</u> چ	Company: Oil and Gas	S		_		3	_				
city: Corpus Christi	Christi	State: Texaszip:	SZip:	7	78412	Attn:					_	-	12	_				
Phone #: 361-6	361-658-3126	Fax #:				Address	ess:				_	1	16	_				
Project #: NVO	NVONM2303/001			ryan	Bryan Haney	City:				_			4	_				
Project Name:	Novo Goo	Novo Goonch release				State:		Zip:				1						
Project Location:	Loving No	Loving New Mexico				Phone #:	#:						d					
Sampler Name: O	Ö	J. Gonzalez				Fax #:	"				_		1					
FOR LAB USE ONLY				Н	MATRIX	PF	PRESERV	SAMPLING	LING				te					
Lab I.D.	Sam	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE	OTHER:	CE / COOL TOTHER:	DATE	TIME	\times m \dashv ϖ	I D H	omozor	TPH ac					
7	75	144-1471	0	\rightarrow	×	\rightarrow	0	1222-7	1400		×	×	\vdash					
ಲ	66	144-147"	C	-	×		×	6-2-23	1405		X	×						
.8	67	144-1471	0	-	×		×	6-223	140		X	×						
4	000	144-147	0	-	×		×	6-2-23	1418	L	-	×	1					
6	0	144-1471	0	-	×	+	× >	2000	200	_	+	<>	-				+	
7	21.	144-14711	C	_	×		×	6-223	1436	4	-	×>	+					
8	3	144-14711	C	_	×		×	6-2-23	5841		X	×	-					
3	15	144-147"	0	_	×		×	6-2-23	anh			×						
PLEASE NOTE: Liability and D.	amages. Cardinal's liab	IN and client's exclusive remedy for any claim	C	Tish and white	X her based in contract of	or fort shall	0	6-2-	1445	-	H	×	H	-			-	
analyses. All claims including the service, in no event shall Cardin affiliates or successors arising o	ling those for negligence and Cardinal be liable for incidents sing out of or related to the pe	er cause whose quental disequental diservices	deemed w without lin	alved uni nitation, t gardless	walved unless made in writing and received by limitation, business interruptions, loss of use, or regardless of whether such claim is based upo	received b	y Cardinal was or loss of profo	within 30 days after of this incurred by clie is above stated reason.	s after completion of the a d by client, its subsidiaries, bd freasons or otherwise.	applicable								
Relinquished By:		Times 37	Rec	Received By	MONTH I	B		Al	Verbal Result:	ult:	Yes iled. Pl	□ No ease pro	Adı	Add'l Phone #: ide Email addre	e #: dress:			
Relinquished by:	,	Date: Time:	Rece	Received	By:				REMARKS:		01	2	1	9	7	7		
Delivered By: (Circle One)	le One)	Observed Temp. *C	3		Sample Condition	13	CHECK	34:	Turnaround Time:	Time:	Rt	Standard	Z =	Baci	Bacteria (only Cool Intact	y) Samp	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	c c
Sampler - UPS - Bus - Other:	s - Other:	Corrected Temp. "C	0		Yes Yes	_	1	7	Thermometer ID	#	,				Yes Yes		SCIACO ICIII	, ,

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



11 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:		Altamira						BI	BILL TO					AN	ANALYSIS REC	REQUEST	
Project Manager:	Bryan	lanev				7	P.O.	*	Direct Bill Novo	070			-	-			1
Address:	14229 Punta Bonaire	Bonaire				0	9	pany	Company: Oil and Gas	S				_			
city: Corp	Corpus Christi	State: TexasZip:	SZip		78412	Þ	Attn:							_			
Phone #: 361	361-658-3126	Fax #:				D	dd	Address:						_	_		_
Project #: NV	NVONM2303/001			BN	Bryan Haney	0	City:			3-11							
Project Name:	Novo Goo	Novo Goonch release				S	State:	е:	Zip:				_				
Project Location:		Loving New Mexico				ס	hor	Phone #:									
Sampler Name:	0	.Gonzalez, J. Gonzalez				П	Fax #:	#					0		_		
FOR LAB USE ONLY			Р.		MATRIX	- F	T	PRESERV.	SAMPLING	LING							
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PLEASE NOTE: Liability and Dami snalyses. All claims including those service. In no event shall Cardinal it affiliates or successors arising out o	V.EASE NOTE: Lability and Damages. Cardina's lability and snalyses. All claims including those for negligence and any obtenvice. In no event shall Cardinal be liable for incidental or exercises the performance of cardinal part of or related to the performance.	client's exclusive rem ler cause whatsoever nsequental damages, nce of services hereur	y disim semed without	arising walve limitat	edy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the shall be deemed waived unless made in writing and neolwest by Carolial within 30 days stee completion of the a hostild be deemed waived unless made in writing and neolwest by Carolial within 30 days stee completion of the including without limitation, business interruptions, loss of use, or loss of profits mounted y client, its subclaiants including without limitation, business interruptions, loss of use, or loss of profits mounted y client, its subclaiants and the profits of the pr	t or to	Wed a	all be limited to by Cardinal with or loss of profi	the amount paid by in 30 days after o	ount paid by the client for the lays after completion of the a red by client, its subsidiaries, total coategory or otherwise.	applicable			ł			[
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June 12, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/09/23 16:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/09/2023 Reported: 06/12/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/09/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 6 168-171" (H232982-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	06/12/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2023	ND	186	92.9	200	16.7	
DRO >C10-C28*	95.0	10.0	06/12/2023	ND	195	97.7	200	16.0	
EXT DRO >C28-C36	29.9	10.0	06/12/2023	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	18						

Sample ID: G 7 168-171" (H232982-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	06/12/2023	ND	432	108	400	3.64	

Sample ID: G 8 168-171" (H232982-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	06/12/2023	ND	432	108	400	3.64	

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Celey D. Keene



06/09/2023

Soil

Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/09/2023 Reported: 06/12/2023

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Sampling Date:

Sampling Type:

Project Location: LOVING NM

Sample ID: G 9 168-171" (H232982-04)

Chloride 1720 16.0 06/3 Sample ID: G 34 168-171" (H232982-05)			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	06/12/2023	ND	432	108	400	3.64	
-	′1" (H232982-	05)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	06/12/2023	ND	432	108	400	3.64	
Sample ID: G 35 168-17	′1" (H232982-	06)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	06/12/2023	ND	432	108	400	3.64	
Sample ID: G 36 168-17	/1" (H232982-	07)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	06/12/2023	ND	432	108	400	3.64	
Sample ID: G 37 168-17	′1" (H232982-	08)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	06/12/2023	ND	432	108	400	3.64	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

06/09/2023 06/12/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/09/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 38 168-171" (H232982-09)

Received:

Reported:

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1470 16.0 06/12/2023 ND 432 108 400 3.64

Sample ID: G 39 168-171" (H232982-10)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	06/12/2023	ND	432	108	400	3.64	

Sample ID: G 46 168-171" (H232982-11)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	06/12/2023	ND	432	108	400	3.64	

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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Company Name:	Altamira		BILL IO		TIME OF THE	- C
Project Manager: Bn	Bryan Haney		P.O. #: Direct Bill Novo	VO		
Address: 14229 Pu	14229 Punta Bonaire		Company: Oil and Gas			
city: Corpus Christi	ti State: Texaszip:	Zip: 78412	Attn:			
ne #:	26 Fax #:		Address:			
9.9	03/001 Project Owner:	Bryan Haney	City:			
ıme:	Novo Goonch Release		State: Zip:			
on:	Loving New Mexico		Phone #:		0	
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Relinquished By:	Date: 6-9-23	Received By:	A AMOUNT	Verbal Result: ☐ Y All Results are emaile	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address:	
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6	Time:			0	194	
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard Bacteria (only Cool Intact	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp.	C47 Pres Tres	8	Thermometer ID #113		Corrected Temp. °C

Refinquished

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

> Observed Temp. °C Time:

CHECKED BY: (Initials)

Turnaround Time:

Standard Rush

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No Corrected Temp. °C

Observed Temp. °C Corrected Temp. °C

mometer ID #113

REMARKS:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

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le #:	361-658-3126 Fax #:							D	Address:	ess								_	_				_									_			
	NVONM2303/001 Project Owner:		Bryan Haney	7	an	ey		C	City:									_																	
Project Name:	Novo Goonch Release							S	State:	35			Zip:																						
Project Location:	n: Loving New Mexico							ס	Phone #:	le #	77										0		_							_		_			
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PLEASE NOTE: Liability a analyses. All claims includ service. In no event shall C	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed welved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	any claim e deemed ng without	arising waived t limitate	wheth unles on, but	er bas s mad siness	ed in a	ontra- ting a ptions	of or t	of us	all b	e limi ardin	ted to	the a	arnou 0 day curre	nt pai s afte d by o	d by t	he client opletion its subs	of the a	pplicable	0															
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June 14, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/09/23 16:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G 6 168-171"	H232982-01	Soil	09-Jun-23 14:30	09-Jun-23 16:43
G 7 168-171"	H232982-02	Soil	09-Jun-23 14:32	09-Jun-23 16:43
G 8 168-171"	H232982-03	Soil	09-Jun-23 14:34	09-Jun-23 16:43
G 9 168-171"	H232982-04	Soil	09-Jun-23 14:36	09-Jun-23 16:43
G 34 168-171"	H232982-05	Soil	09-Jun-23 14:38	09-Jun-23 16:43
G 35 168-171"	H232982-06	Soil	09-Jun-23 14:40	09-Jun-23 16:43
G 36 168-171"	H232982-07	Soil	09-Jun-23 14:42	09-Jun-23 16:43
G 37 168-171"	H232982-08	Soil	09-Jun-23 14:44	09-Jun-23 16:43
G 38 168-171"	H232982-09	Soil	09-Jun-23 14:46	09-Jun-23 16:43
G 39 168-171"	H232982-10	Soil	09-Jun-23 14:48	09-Jun-23 16:43
G 46 168-171"	H232982-11	Soil	09-Jun-23 14:50	09-Jun-23 16:43

06/14/23 - Client added TPH to sample -04 (see COC). This is the revised report and will replace the one sent on 06/12/23.

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 6 168-171" H232982-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1220		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3061202	MS	12-Jun-23	8015B	
DRO >C10-C28*	95.0		10.0	mg/kg	1	3061202	MS	12-Jun-23	8015B	
EXT DRO >C28-C36	29.9		10.0	mg/kg	1	3061202	MS	12-Jun-23	8015B	
Surrogate: 1-Chlorooctane			84.1 %	48.2	-134	3061202	MS	12-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			92.2 %	49.1	-148	3061202	MS	12-Jun-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 7 168-171" H232982-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	2400		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 8 168-171" H232982-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes					
Cardinal Laboratories															
Inorganic Compounds	Inorganic Compounds														
Chloride	2200		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B						

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 9 168-171" H232982-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes				
	Cardinal Laboratories													
Inorganic Compounds														
Chloride	1720		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B					
Petroleum Hydrocarbons by	GC FID													
GRO C6-C10*	<10.0		10.0	mg/kg	1	3061316	MS	13-Jun-23	8015B					
DRO >C10-C28*	152		10.0	mg/kg	1	3061316	MS	13-Jun-23	8015B					
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061316	MS	13-Jun-23	8015B					
Surrogate: 1-Chlorooctane			99.3 %	48.2	-134	3061316	MS	13-Jun-23	8015B					
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	3061316	MS	13-Jun-23	8015B					

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1220

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12-Jun-23

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE

3061208

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

4500-Cl-B

G 34 168-171" H232982-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
Cardinal Laboratories													
Inorganic Compounds													

mg/kg

16.0

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944

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 35 168-171" H232982-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes				
Cardinal Laboratories														
Inorganic Compounds														
Chloride	944		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B					

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 36 168-171" H232982-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	orios					

Cardinal Laboratories

 Inorganic Compounds
 640
 16.0
 mg/kg
 4
 3061208
 AC
 12-Jun-23
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 37 168-171" H232982-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborato	ories					

 Inorganic Compounds
 1120
 16.0
 mg/kg
 4
 3061208
 AC
 12-Jun-23
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 38 168-171" H232982-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes					
Cardinal Laboratories															
Inorganic Compounds	Inorganic Compounds														
Chloride	1470		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B						

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

G 39 168-171" H232982-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

 Inorganic Compounds

 Chloride
 688
 16.0
 mg/kg
 4
 3061208
 AC
 12-Jun-23
 4500-Cl-B

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1650

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12-Jun-23

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE

3061208

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

4500-Cl-B

G 46 168-171" H232982-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
Cardinal Laboratories													
Inorganic Compounds													

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3061208 - 1:4 DI Water										
Blank (3061208-BLK1)				Prepared &	Analyzed:	12-Jun-23				
Chloride	ND	16.0	mg/kg							
LCS (3061208-BS1)				Prepared &	Analyzed:	12-Jun-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3061208-BSD1)				Prepared &	Analyzed:	12-Jun-23				
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	

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%REC

Limits

RPD

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Analyte

Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Spike

Level

Source

Result

Prepared & Analyzed: 12-Jun-23

78.6

83.3

80.9

79.0

78.8

78.5-124

72.5-126

77.6-123

48.2-134

49.1-148

16.7

16.0

200

200

400

49.6

50.0

%REC

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

RPD

Limit

17.7

21

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

10.0

10.0

10.0

Result

157

167

324

39.1

Blank (3061202-BLK1)				Prepared & Ana	lyzed: 12-Jun-23		
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	33.2		mg/kg	49.6	67.0	48.2-134	
Surrogate: 1-Chlorooctadecane	35.6		mg/kg	50.0	71.1	49.1-148	
LCS (3061202-BS1)				Prepared & Ana	lyzed: 12-Jun-23		
GRO C6-C10	186	10.0	mg/kg	200	92.9	78.5-124	
DRO >C10-C28	195	10.0	mg/kg	200	97.7	72.5-126	
Total TPH C6-C28	381	10.0	mg/kg	400	95.3	77.6-123	
Surrogate: 1-Chlorooctane	47.6		mg/kg	49.6	96.0	48.2-134	
Surrogate: 1-Chlorooctadecane	46.4		mg/kg	50.0	92.8	49.1-148	

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

Surrogate: 1-Chlorooctadecane	39.4

Batch 3061316 - General Prep - Organics

LCS Dup (3061202-BSD1)

GRO C6-C10

DRO >C10-C28

Total TPH C6-C28

Surrogate: 1-Chlorooctane

Blank (3061316-BLK1)				Prepared & Ana	lyzed: 13-Jun-23		
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	54.6		mg/kg	49.6	110	48.2-134	
Surrogate: 1-Chlorooctadecane	56.4		mg/kg	50.0	113	49.1-148	

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%REC

Limits

RPD

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Analyte

Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Spike

Level

Source

Result

%REC

Project Manager: BRYAN HANEY

Fax To:

Reported: 14-Jun-23 11:02

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

. mary to	resure	2,,,,,	Omio	20.01	resure	701020	Ziiiii	10.2	Ziiiii	110105
Batch 3061316 - General Prep - Org	ganics									
LCS (3061316-BS1)				Prepared &	k Analyzed:	13-Jun-23	i			
GRO C6-C10	195	10.0	mg/kg	200		97.3	78.5-124			
DRO >C10-C28	198	10.0	mg/kg	200		98.8	72.5-126			
Total TPH C6-C28	392	10.0	mg/kg	400		98.1	77.6-123			
Surrogate: 1-Chlorooctane	57.9		mg/kg	49.6		117	48.2-134			
Surrogate: 1-Chlorooctadecane	56.8		mg/kg	50.0		114	49.1-148			
LCS Dup (3061316-BSD1)				Prepared &	દે Analyzed:	13-Jun-23	i			
GRO C6-C10	207	10.0	mg/kg	200		104	78.5-124	6.31	17.7	
DRO >C10-C28	214	10.0	mg/kg	200		107	72.5-126	8.02	21	
Total TPH C6-C28	421	10.0	mg/kg	400		105	77.6-123	7.18	18.5	
Surrogate: 1-Chlorooctane	57.4		mg/kg	49.6		116	48.2-134			
Surrogate: 1-Chlorooctadecane	57.0		mg/kg	50.0		114	49.1-148			

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Company Name: Altamira		BILL TO	1	ANALYSIS RE	RECHEST
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo		- 000	
Address: 14229 Punta Bonaire				3/2	
city: Corpus Christi s	State: Texaszip: 78412	Attn:		6/1	
	Fax#:	Address:		D. (
Project #: NVONM2303/001 Pr	t Owner: Bryan Haney	City:		Y.º	
Project Name: Novo Goonch Release		State: Zip:			
Project Location: Loving New Mexico		*		_	
Sampler Name: J.Gonzalez		Fax #:		_	
FOR LAB USE ONLY	MATRIX	PRESERV, SAMPLING			
Lab I.D. Sample I.D.	OGE	/BASE: COOL		dded	
CBAECET.	# COI # COI GROU WAST SOIL OIL SLUD	OTHE ACID/I	×п		
1 (2) (6) 18	2-17/" O 1 X	× 6-9-23 /4:	× 8	×	
67	0 -	× 6-9-3143	32 ×	× >	
20 68 168	()	× 1.9.28 143	34 ×	×	
-	/7/" C / ×	X 6-9-33 143	36 ×	× ×	
-891 18595	7/ × C	X 6-9-3143	×	×	
	(7)" CI ×	X 6-9-23144	×	×	
	0	× 69-23 144	×	× :	
,	7)'(C / X	141526-9 X	×	×	
168-1		× 6-9-23 144	×	×	
10 5 S Liability and Damages. Cardinal's liability	C I whether ba	tort, shall be limited to the amount paid by the client for the	×	×	
g those for negligence and any other car rdinal be liable for incidental or consequ g out of or related to the performance of	be deemed walved unless made in writing and ding without limitation, business interruptions, i y Cardinal, regardless of whether such claim	eived by Cardinal within 30 days, of use, or loss of profits incurred to use, or loss of profits incurred to use, or loss of the above state.	nt for the applicable sidiaries.		
	Line: 45 Received By:	All Res	Verbal Result: ☐ Yes All Results are emailed. Ple	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	
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Corrected Temp, °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINA Laboratorie 101 East Marland, Hobbs, NM 88

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	e: Altamira		BILL TO	9	- 1	
Project Manager:	r: Bryan Haney		P.O. #: Direct Bill Nove	Nious	ANALTSIS REQUEST	
ess:	14229 Punta Bonaire		pany	Gas		_
	Corpus Christi State: Texaszip:	xaszip: 78412	Attn:			
Phone #: 361	361-658-3126 Fax #:		Address:			_
Project #: NV(NVONM2303/001 Project Owner:	ner: Bryan Haney	City:			_
Project Name:	Novo Goonch Release		State: Zin:			
Project Location:	: Loving New Mexico		#			
Sampler Name:	J.Gonzalez		Flax #:	0		_
FOR LAB USE ONLY		MATRIX	ESERV.	SAMPLING		
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elinquished By:	Y: Date Z3 Time: 43	of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Date-7-23 Received By: Verbal Results a All Results a	based upon any of the above saled to	ılt: ☐ Yes ☐ ☐	No Add'I Phone #: e provide Email address;	
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ampler - UPS - Bus - Other:	is - Other: Corrected Temp. °C	4.7		Thermometer ID #113	Cool Intact Observed Temp. °C	
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June 14, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/13/23 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/13/2023 Reported: 06/14/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/13/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G 12 168-171" (H233027-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	06/14/2023	ND	448	112	400	0.00	

Sample ID: G 13 168-171" (H233027-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	27600	16.0	06/14/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	116	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Sample ID: G 15 168-171" (H233027-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	06/14/2023	ND	448	112	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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Celey & Keens



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/13/2023 Sampling Date: 06/13/2023
Reported: 06/14/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 33 168-171" (H233027-04)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 688 16.0 06/14/2023 ND 448 400 0.00 112

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAI Laboratorie

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

	1 200 2020 1 201 1010 000-2410	24/0								
company Name:	Altamira			6	BILL TO					ANALYSIS REQUEST
Project Manager: B	Bryan Haney			P.O. #: D	Direct Bill N	Novo			4	
Address: 14229 F	14229 Punta Bonaire			pan	- F	SE	_			
city: Corpus Christi	State: Texaszip:	SZip:	78412	Attn:						
Phone #: 361-658-3126	126 Fax #:			Address:						
Project #: NVONM2303/001	303/001 Project Owner:		Bryan Haney	City:						
Project Name: Nov	Novo Goonch Release			State:	Zip:				_	
Project Location: Lov	Loving New Mexico			Phone #:						
Sampler Name: J.Gor	Gonzalez			Tanada.					0	
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analyses. All claims including those for negligence and any ob- service. In no event shall Cardinal be liable for incidental or co- affiliates or successors arising out of or related to the performa	S 35 B	leemed wa without lim ardinal, reg	r cause whatsoever shall be deemed waived unless made in wifing and received by Cardinal within 30 days after competion of the equiential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries are services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reserves or otherwise.	eceived by Cardinal v sof use, or loss of pr based upon any of th	within 30 days after co roffis incurred by clients above stated reason	y me client for the ympletion of the it, its subsidiaries	e applicable			
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June 16, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/15/23 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Sampling Date: 06/15/2023
Reported: 06/16/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 6 192-195" (H233103-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	06/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	153	76.7	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	'8						

Sample ID: G 7 192-195" (H233103-02)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	06/16/2023	ND	400	100	400	3.92	

Sample ID: G 8 192-195" (H233103-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	06/16/2023	ND	400	100	400	3.92	

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Celeg D. Freene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Reported: 06/16/2023

NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Location: LOVING NM

Sampling Date: 06/15/2023

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: G 9 192-195" (H233103-04)

Project Name:

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	06/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
DRO >C10-C28*	64.6	10.0	06/16/2023	ND	153	76.7	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.1	% 49.1-14	8						

Sample ID: G 10 168-171" (H233103-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	06/16/2023	ND	400	100	400	3.92	

Sample ID: G 34 192-195" (H233103-06)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4040	16.0	06/16/2023	ND	400	100	400	3.92	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Sampling Date: 06/15/2023

Reported: 06/16/2023 Sampling Type: Soil Project Name: **NOVO GOONCH RELEASE** Sampling Condition:

Cool & Intact Project Number: Sample Received By: Tamara Oldaker NVONM2303/001

Project Location: LOVING NM

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	06/16/2023	ND	400	100	400	3.92	
Sample ID: G 36 192-195	" (H233103-	08)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		46.0	06/16/2023	ND	400	100	400	3.92	
Sample ID: G 37 192-195	•	•			100	100			
Chloride Sample ID: G 37 192-195	" (H233103-	09)			100	100			
Sample ID: G 37 192-195		09)		d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: G 37 192-195 Chloride, SM4500Cl-B	" (H233103- mg	09) /kg	Analyze	d By: AC					Qualifier
Sample ID: G 37 192-195 Chloride, SM4500CI-B Analyte	" (H233103- mg , Result	09) /kg Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: G 37 192-195 Chloride, SM4500CI-B Analyte Chloride	" (H233103- mg, Result 784	09) /kg Reporting Limit 16.0	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: G 37 192-195 Chloride, SM4500CI-B Analyte Chloride Sample ID: G 38 192-195	" (H233103- mg, Result 784	09) /kg Reporting Limit 16.0	Analyzed 06/16/2023	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: G 37 192-195 Chloride, SM4500CI-B Analyte	Result 784	09) /kg Reporting Limit 16.0	Analyzed 06/16/2023	d By: AC Method Blank ND	BS	% Recovery	True Value QC	RPD	Qualifier

Chloride, SM4500Cl-B	` mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	06/16/2023	ND	400	100	400	3.92	

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Sampling Date: 06/15/2023

Reported: 06/16/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: G 46 192-195" (H233103-12)

Cilioride, SM4500CI-B	ilig/	kg	Allalyze	u by: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	06/16/2023	ND	400	100	400	3.92	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Reported: 06/16/2023

NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Location: LOVING NM

Sampling Date: 06/15/2023 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NW - 2 0-16' (H233103-13) BTEX 8021B mg/k

Project Name:

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.07	103	2.00	3.93	
Toluene*	<0.050	0.050	06/16/2023	ND	1.93	96.5	2.00	2.09	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.94	97.2	2.00	6.07	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.88	98.0	6.00	6.84	
Total BTEX	<0.300	0.300	06/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	06/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	153	76.7	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

Analyzed By: MS

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Reported: 06/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NW - 4 0-16' (H233103-14)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.07	103	2.00	3.93	
Toluene*	<0.050	0.050	06/16/2023	ND	1.93	96.5	2.00	2.09	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.94	97.2	2.00	6.07	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.88	98.0	6.00	6.84	
Total BTEX	<0.300	0.300	06/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	153	76.7	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Sampling Date: 06/15/2023
Reported: 06/16/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: LOVING NM

Sample ID: WW - 3 - 1 0-16' (H233103-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.07	103	2.00	3.93	
Toluene*	<0.050	0.050	06/16/2023	ND	1.93	96.5	2.00	2.09	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.94	97.2	2.00	6.07	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.88	98.0	6.00	6.84	
Total BTEX	<0.300	0.300	06/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	06/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	153	76.7	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Sampling Date: 06/15/2023

Reported: 06/16/2023 Sampling Type: Soil
Project Name: NOVO GOONCH RELEASE Sampling Condition: Coo

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: LOVING NM

Sample ID: WW - 3 - 2 0-16' (H233103-16)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.07	103	2.00	3.93	
Toluene*	<0.050	0.050	06/16/2023	ND	1.93	96.5	2.00	2.09	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.94	97.2	2.00	6.07	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.88	98.0	6.00	6.84	
Total BTEX	<0.300	0.300	06/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	06/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	153	76.7	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023 Reported: 06/16/2023

Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Location: LOVING NM

Sampling Date: 06/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WW - 2 - 1 0-16' (H233103-17)

RTFY 8021R

Result < 0.050 < 0.050	Reporting Limit 0.050	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050				70 110001017	True value QC	KFD	Quaimer
< 0.050		06/16/2023	ND	2.07	103	2.00	3.93	
	0.050	06/16/2023	ND	1.93	96.5	2.00	2.09	
<0.050	0.050	06/16/2023	ND	1.94	97.2	2.00	6.07	
<0.150	0.150	06/16/2023	ND	5.88	98.0	6.00	6.84	
<0.300	0.300	06/16/2023	ND					
107	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
256	16.0	06/16/2023	ND	400	100	400	3.92	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
<10.0	10.0	06/16/2023	ND	153	76.7	200	3.41	
<10.0	10.0	06/16/2023	ND					
69.0	% 48.2-13	4						
73.0	% 49.1-14	8						
	<0.150 <0.300 107 : mg/ Result 256 mg/ Result <10.0 <10.0 <69.0	<0.150 0.150 <0.300 0.300 107 % 71.5-13 mg/kg Result Reporting Limit 256 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 48.2-13	<0.150	<0.150	<0.150	<0.150	<0.150 0.150 06/16/2023 ND 5.88 98.0 6.00 107 % 71.5-134 True Value QC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 256 16.0 06/16/2023 ND 400 100 400 mg/kr Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	<0.150

Applyzod By: MC

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/15/2023

06/16/2023

Project Name: **NOVO GOONCH RELEASE** Project Number: NVONM2303/001

Project Location: LOVING NM Sampling Date: 06/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: WW - 1 0-8' (H233103-18)

Reported:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.07	103	2.00	3.93	
Toluene*	<0.050	0.050	06/16/2023	ND	1.93	96.5	2.00	2.09	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.94	97.2	2.00	6.07	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.88	98.0	6.00	6.84	
Total BTEX	<0.300	0.300	06/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.3	200	1.95	
DRO >C10-C28*	26.1	10.0	06/16/2023	ND	153	76.7	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					
Surrogate: 1-Chlorooctane	72.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.3	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Company Name:

Christi	Bacteria (only) Sample Condition Cool Intact Observed Temp of	me: Standard D	Sample Condition CHECKED BY: Turnaround Time: Standard Bit Cardinal cannot accept verbal changes of the Condition CHECKED BY: Turnaround Time: Standard Bit Carreston Factor -0.5°C	Sample Condition Cool Intact Yes Yes No No	Corrected Tamp. °C † Cardinal ca	ived by Ochange Bus - Other:
Christi State: Texaszip: 78412 Attn: Company:Oil and Gas Attn: Address: Ad	9dd'l Phone #: e Email address:	re emailed. Please provid	All Results a	Received By:	Date:	Sped By: By: (Circle One)
Christi		applicable	usa, or loss of profits incurred by client, its subsidiaries of upon any of the above stated reasons or otherwise. Verbal Resu	Cardinal, regardless of whether such claim is based Received/By:	Date: 75.23	The by:
#: 361-658-3126			shall be limited to the amount paid by the client?	A rary claim arising whether based in contact or fort, and contact or fort, and in writing and received walking unless made in writing and received.	S Flat	es. All claims including those for negligence in no event shall Cardinal be flable for inci- cor successors arising out of or related to the
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S Christi State: Texaszip: 78412 658-3126 Fax #: NMZ303/001 Project Owner: Bryan Haney City: Company: Oil and Gas Attn: Address: Address: City:					Ving New Mexico	0
Corpus Christi State: Texaszip: 78412 Company: Oil and Gas NVONM2303/001 Fax #: Address:			City:	t Owner:	vo Goonch Release	
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P.O.#: Discontinuo Bonaire	ANALYSIS REQUEST		=		ins Chaire	City: Cornue Ch

Project Manager: Company Name:

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is or successors arising out of or related to the performance of services have dealing whether based in contract or ford, shall be limited to the cause whatsoever shall be deamed waved unless made in writing and received by Cardinal be including without limited on, business index in writing and received by Cardinal within 30 days after completion of the amount paid by the client for the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the original by client, its subsidiaries. Date:
Verbal Result: ☐ Yes ☐ No Add'I Phone #; All Results are emailed. Please provide Email address:
REMARKS:
Sample Condition CHECKED BY: Turnaround Time: Standard Bacteria (only) Sample Condition CHECKED BY: Turnaround Time: Standard Bacteria (only) Sample Condition Checked By: Thermometer ID #112 Rush Cool Internation
Zip: Zip: DATE O-15-2 G-15-2 G-15-2 G-15-2 G-15-3 G-15-3 RN RN RN The



June 29, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/28/23 16:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/28/2023

Project Name: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Location: LOVING NM

Reported:

Sampling Date: 06/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

Sample ID: WW - 3 - 2A 0-16' (H233348-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

06/29/2023

Analyte Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Oualifier Result

96.0 Chloride 16.0 06/29/2023 ND 416 104 400 0.00

Sample ID: NW - 2 + A 0-16' (H233348-02)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 128 16.0 06/29/2023 ND 416 104 400 0.00

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(5/5) 393-2325 FAX (3/3) 333-24/0	0/4/2			
Company Name: Altamira		BILL TO		ANALTOIO NEGOCO
Project Manager: Bryan Haney	.9.	P.O. #: Direct Bill Novo		
Address: 14229 Punta Bonaire	Cc	Company: Oil and Gas		
city: Corpus Christi State: Texaszip:	78412	Attn:		
e #:	Ac	Address:		
Project #: NVONM2303/001 Project Owner:	Bryan Haney	City:		
ame: Novo Goonch Re		State: Zip:		
Project Location: Loving New Mexico	PI	Phone #:	0	
_	F	Fax #:		
7	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.		/BASE:	m⊣® ¬⊣	
H233348	# CO GRO	OTH DATE	×	
1 1 1 1 - 3-24 O-16) () X	1	00 * ×	
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	o ×	×	×	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waiwed unless made in writing and received by Cardinal within 30 days after compilation of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after compilation of the applicable analyses. All claims including those for negligence and any other cause what are consequently like the product of the contract of the cont	nt's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within a quertal damages, including without limitation, business interruptions, loss of use, or loss of profits is	tort, shall be limited to the amount paid by the client for the exercised by Cardinal within 30 days after completion of the a so it use, or loss of profits incurred by client, its subsidiaries, so it use, or loss of profits incurred by client, its subsidiaries,	client for the epplicable stubsideries.	
Relinquished By: Time:	Received By:	drigner A	ılt: ☐ Yes ıre emailed. Ple	☐ No Add'I Phone #: ase provide Email address:
Refinguished an: Date:	Received By:	C	REMARKS:	7
Delivered By: (Circle One) Observed Temp. °C4 1	Cool Intact	CHECKED BY:	Turnaround Time: Standard	20
Sampler - UPS - Bus - Other: Corrected Tamp. *C 3, 5	D N	26	Thermometer ID #113 Correction Factor -0.5°C	Yes Yes Yes No Corrected Temp. °C



July 26, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/25/23 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

 Received:
 07/25/2023
 Sampling Date:
 07/25/2023

 Reported:
 07/26/2023
 Sampling Type:
 Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Shari Cisneros

Project Location: LOVING NM

Sample ID: G - 39 15.5-16' ROCK (H233886-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/26/2023	ND	432	108	400	3.64	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kreine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(5/5) 383-2326 FAA (5/5) 353-24/6	210			- 1
company Name: Altamira		BILL TO		ANALTOIS REGOES!
Bryan		P.O. #: Direct Bill No	Novo	
229		Company: Oil and Gas	6	
city: Corpus Christi state: Texaszip:	78412	Attn:		
e #		Address:		
	Bryan Haney	City:		
ime: Novo Goonch Re		State: Zip:		
Project Location: Loving New Mexico		Phone #:	0	
=		Fax #:	I	
9	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER:	×m-m ±p-1	
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	С ×	×	×	
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ly and cli my other	ert's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the cause whether shall be within 30 days after completion of the cause whetherwer shall be deemed wavefund unless made in writing and received by Cardinal within 30 days after completion of the cause whether shall be deemed wavefund became intermediately and received by client, its subsidiaries	ther based in contract or fort, shall be limited to the amount paid eas made in writing and received by Cardinal within 30 days after the contract of the co		
affiliates or successors arising out of or related to the performance of services hereunder by Cor Relinquished By: Date: 0.5/8.3 Time: 0.5/8.3	Cordinal, regardless of whether such data	in is based upon any or the above same upon	ılt: ☐ Yes ıre emailed.	□ No Add'I Phone #: Please provide Email address:
Relinquisheaby; Date:	Raceived By:		01	HOTAT
Delivered By: (Circle One) Observed Tamp. *C Sampler - UPS - Bus - Other: Corrected Tamp. *C Ofc	Sample Condition Cool Intact Cool Intact Cool Intact No No No	CHECKED BY: (Initials)	Turnaroused Time: Standard # 140 Rush Thermometer D #413 Correction Factor 0.5C	Bacteria (only) sample Condition Coof Intact Observed Temp. °C Yes Yes No Corrected Temp. °C



July 28, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/27/23 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



07/27/2023

Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Fax To:

Received: 07/27/2023 Sampling Date:

Reported: 07/28/2023 Sampling Type: Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact Project Number: NVONM2303/001 Sample Received By: Shari Cisneros

Project Location: LOVING NM

Sample ID: G 6 (201-204") (H233963-01)

mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
240	16.0	07/28/2023	ND	416	104	400	0.00	
') (H23396:	3-02)							
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
304	16.0	07/28/2023	ND	416	104	400	0.00	
) (.	J-UJ)							
mg	-	Analyze	d By: AC					
	-	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
mg	/kg	•	•	BS 416	% Recovery	True Value QC 400	RPD 0.00	Qualifier
mg Result	Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Result	Reporting Limit 16.0 3-04)	Analyzed 07/28/2023	Method Blank		,	•		Qualifier
Result 416	Reporting Limit 16.0 3-04)	Analyzed 07/28/2023	Method Blank ND		,	•		Qualifier
	Result 240 ') (H23396: mg Result 304	Result Reporting Limit 240 16.0 1) (H233963-02) mg/kg Result Reporting Limit	Result Reporting Limit Analyzed 240 16.0 07/28/2023 7) (H233963-02) mg/kg Analyzed Result Reporting Limit Analyzed 304 16.0 07/28/2023	Result Reporting Limit Analyzed Method Blank 240 16.0 07/28/2023 ND ') (H233963-02) Mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank 304 16.0 07/28/2023 ND	Result Reporting Limit Analyzed Method Blank BS 240 16.0 07/28/2023 ND 416 ') (H233963-02) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 304 16.0 07/28/2023 ND 416	Result Reporting Limit Analyzed Method Blank BS % Recovery 240 16.0 07/28/2023 ND 416 104 1) (H233963-02) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 304 16.0 07/28/2023 ND 416 104	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 240 16.0 07/28/2023 ND 416 104 400 1) (H233963-02) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 304 16.0 07/28/2023 ND 416 104 400	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 240 16.0 07/28/2023 ND 416 104 400 0.00 ') (H233963-02) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 304 16.0 07/28/2023 ND 416 104 400 0.00

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 07/27/2023 Sampling Date: 07/27/2023

Reported: 07/28/2023 Sampling Type: Soil Project Name: **NOVO GOONCH RELEASE** Sampling Condition: Cool & Intact

Project Number: NVONM2303/001 Sample Received By: Shari Cisneros

Project Location: LOVING NM

Sample ID: G 10 (201-204") (H233963-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/28/2023	ND	416	104	400	0.00	
Sample ID: G 13 (177-1	.80") (H2339	63-06)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					

Chloride, SM4500CI-B mg/kg

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/28/2023	ND	416	104	400	0.00	

Sample ID: G 15 (177-180") (H233963-07)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/28/2023	ND	416	104	400	0.00	

Sample ID: G 33 (177-180") (H233963-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/28/2023	ND	416	104	400	0.00	

Sample ID: G 34 (201-204") (H233963-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/28/2023	ND	416	104	400	0.00	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

 Received:
 07/27/2023
 Sampling Date:
 07/27/2023

 Reported:
 07/28/2023
 Sampling Type:
 Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Shari Cisneros

Project Location: LOVING NM

Sample ID: G 35 (201-204") (H233963-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/28/2023	ND	416	104	400	0.00	
Sample ID: G 36 (201-2	204") (H2339	63-11)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/28/2023	ND	416	104	400	0.00	
Sample ID: G 37 (201-2	204") (H2339	63-12)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/28/2023	ND	416	104	400	0.00	
Sample ID: G 38 (201-2	204'') (H2339	63-13)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	07/28/2023	ND	416	104	400	0.00	
Sample ID: G 46 (201-2	204'') (H2339	63-14)							
Chloride, SM4500Cl-B		/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/28/2023	ND	416	104	400	0.00	

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Relinquished By:

Received By:

eceived By

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Sampler - UPS - Bus - Other

Delivered By: (Circle One)

Observed Temp Time:

3900

Sample Condition Cool Intact

A Yes

No No No

> CHECKED BY: (Initials)

Turnaround Time:

Standard Rush

BO

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No No Corrected Temp.

Corrected Temp. °C Observed Temp. °C

mometer ID #13

24 hr TAT

REMARKS:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Altamira		BILL TO	NA	- 1
Project Manager: Bryan Haney		P.O. #: Direct Dill N		ANALISIS REQUEST
Address: 14229 Punta Bonaire		Direct Bill Novo	000	
City: Corpus Christi State: Texaszin:	78415	Company; Oil allo Gas	V	
Phone #: 361-658-3126 Fax #:		Address.		
Project #: NVONM2303/001 Project Owner:	Rryan Haney	nucless.		
Project Name: Novo Goonch Release	The second second	Stato: 7in.		
Project Location: Loving New Mexico	0	Phone #		
Sampler Name: J.Gonzalez	n -	Fay#	0	
FOR LAB USE ONLY	L	dA #.		
	MAIKIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.		D/BASE: / COOL HER :	E → B P → E D Z O	
17	# G W SI	AC IC	X	
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5 (177-180")	C	× //		
C 1/7-180")	C - ×	× *	× 1251	
_	C -	× //		
PLEASE NOTE: Liability and Demanas Conductivities (201 - 204")) C X X 1 258	×	× 852	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories 101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Dudilli d		BILLTO	0		- 1
Project Manager: Rivan Haney		ш			ANALYSIS REQUEST
229		P.O. #: Direct Bill	Novo	T T	
ess.		Company: Oil and	Gas	_	
16	78412	Attn:		_	
1.		Address:		_	
Project #: NVONM2303/001 Project Owner:	Bryan Haney	City:			
Project Name: Novo Goonch Release					
Project Location: Loving New Mexico	0 /	Phone #.			
-		Fnone #:		>	
FOR LAB LISE THE STATE OF THE S	TI	Fax #:		0	
FOR LAB USE ONLY	MATRIX	ESERV.	SAMPLING	I	
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0		×		×	
C		×		< >	
0		×		×>	
C	×	×		×	
C		×		×	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim	X	×		×	
ervice. In no event shall Cardinal be liable for incidental or consequential damages, including white determined waived unless made in writing and received by Cardinal within 30 days after completion of the applicable militiates or successors arising out of or related to the performance of services hereunder by Cardinal related to the performance of services hereunder by Cardinal regardless of white the completion of the applicable of the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of white the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of the services hereunder by Cardinal regardless of the control of th	auter Whatsoerer shall be deemed waived unless made in writing and received for Cardinal within 30 days after completion of the apparent administer, including which of the control of the	ived by Cardinal within 30 days after use, or loss of profits incurred by	id by the client for the if completion of the applicable dient, its subsidiaries,		
1 \ Date: 7/27/23	Received By:	1) PAtrices not come	Verbal Result:	☐ Yes ☐ No	Add'l Phone #:
	-	Shews	еп		Please provide Email address:
Time:	песегией ву:		REMARKS:		
Delivered By: (Circle One)	Sample Condition				
290	,	(Initials)	Thermometer ID #13	Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C



August 01, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/27/23 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G 6 (201-204")	H233963-01	Soil	27-Jul-23 12:40	27-Jul-23 16:27
G 7 (201-204")	H233963-02	Soil	27-Jul-23 12:42	27-Jul-23 16:27
G 8 (201-204")	H233963-03	Soil	27-Jul-23 12:44	27-Jul-23 16:27
G 9 (201-204")	H233963-04	Soil	27-Jul-23 12:46	27-Jul-23 16:27
G 10 (201-204")	H233963-05	Soil	27-Jul-23 12:48	27-Jul-23 16:27
G 13 (177-180")	H233963-06	Soil	27-Jul-23 12:50	27-Jul-23 16:27
G 15 (177-180")	H233963-07	Soil	27-Jul-23 12:52	27-Jul-23 16:27
G 33 (177-180")	H233963-08	Soil	27-Jul-23 12:54	27-Jul-23 16:27
G 34 (201-204")	H233963-09	Soil	27-Jul-23 12:56	27-Jul-23 16:27
G 35 (201-204")	H233963-10	Soil	27-Jul-23 12:58	27-Jul-23 16:27
G 36 (201-204")	H233963-11	Soil	27-Jul-23 13:00	27-Jul-23 16:27
G 37 (201-204")	H233963-12	Soil	27-Jul-23 13:02	27-Jul-23 16:27
G 38 (201-204")	H233963-13	Soil	27-Jul-23 13:04	27-Jul-23 16:27
G 46 (201-204")	H233963-14	Soil	27-Jul-23 13:06	27-Jul-23 16:27

08/01/23 - Client added TPH to sample -06 (see COC). This is the revised report and will replace the one sent on 07/28/23.

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 6 (201-204") H233963-01 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
In	organic Compounds										
C	hloride	240		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

3072825

AC

28-Jul-23

Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

4500-Cl-B

G 7 (201-204") H233963-02 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

Inorganic Compounds

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G8 (201-204") H233963-03 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				Cardina	ıl Laborat	ories					
<u>I</u>	norganic Compounds										
(Chloride	416		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 9 (201-204") H233963-04 (Soil)

Analyte Result MDL Reporting Limit Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories*

 Inorganic Compounds

 Chloride
 224
 16.0
 mg/kg
 4
 3072825
 AC
 28-Jul-23
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 10 (201-204") H233963-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
Inorganic Compounds											
Chloride	112		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B		

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 13 (177-180") H233963-06 (Soil)

Analyte	Result	MDL Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Card	linal Labora	tories					
Inorganic Compounds									
Chloride	272	16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
Petroleum Hydrocarbons by	y GC FID								
GRO C6-C10*	<10.0	10.0	mg/kg	1	3073110	MS	31-Jul-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3073110	MS	31-Jul-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3073110	MS	31-Jul-23	8015B	
Surrogate: 1-Chlorooctane		104	% 48.2	?-134	3073110	MS	31-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane		107	% 49.1	'-148	3073110	MS	31-Jul-23	8015B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 15 (177-180") H233963-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	256		16.0	mø/kø	4	3072825	AC	28-Jul-23	4500-Cl-B			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 33 (177-180") H233963-08 (Soil)

Α	nalyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
	Cardinal Laboratories											
Inc	organic Compounds											
Ch	loride	448		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B		

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE

3072825

AC

28-Jul-23

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

4500-Cl-B

G 34 (201-204") H233963-09 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

Inorganic Compounds

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 35 (201-204") H233963-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	192		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 36 (201-204") H233963-11 (Soil)

Analyte Result MDL Reporting Limit Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

 Inorganic Compounds

 Chloride
 64.0
 16.0
 mg/kg
 4
 3072825
 AC
 28-Jul-23
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 37 (201-204") H233963-12 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories												
	Inorganic Compounds											
	Chloride	160		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B		

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Reported: 01-Aug-23 10:24

Fax To:

G 38 (201-204") H233963-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	1660		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

G 46 (201-204") H233963-14 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
	Cardinal Laboratories											
]	Inorganic Compounds											
(Chloride	560		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B		

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3072825 - 1:4 DI Water										
Blank (3072825-BLK1)				Prepared &	Analyzed:	28-Jul-23				
Chloride	ND	16.0	mg/kg							
LCS (3072825-BS1)				Prepared &	Analyzed:	28-Jul-23				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3072825-BSD1)				Prepared &	z Analyzed:	28-Jul-23				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence aring any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Spike

50.0

96.1

49.1-148

Source

Project Manager: BRYAN HANEY

Fax To:

Reported: 01-Aug-23 10:24

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

48.0

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3073110 - General Prep - Organics										
Blank (3073110-BLK1)				Prepared &	& Analyzed:	31-Jul-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.1		mg/kg	50.0		82.2	48.2-134			
Surrogate: 1-Chlorooctadecane	42.3		mg/kg	50.0		84.7	49.1-148			
LCS (3073110-BS1)				Prepared &	& Analyzed:	31-Jul-23				
GRO C6-C10	190	10.0	mg/kg	200		95.0	66.4-123			
DRO >C10-C28	198	10.0	mg/kg	200		99.0	66.5-118			
Total TPH C6-C28	388	10.0	mg/kg	400		97.0	77.6-123			
Surrogate: 1-Chlorooctane	40.9		mg/kg	50.0		81.9	48.2-134			
Surrogate: 1-Chlorooctadecane	40.4		mg/kg	50.0		80.7	49.1-148			
LCS Dup (3073110-BSD1)				Prepared &	& Analyzed:	31-Jul-23				
GRO C6-C10	197	10.0	mg/kg	200		98.5	66.4-123	3.64	17.7	
DRO >C10-C28	204	10.0	mg/kg	200		102	66.5-118	3.04	21	
Total TPH C6-C28	401	10.0	mg/kg	400		100	77.6-123	3.33	18.5	
Surrogate: 1-Chlorooctane	47.7		mg/kg	50.0		95.3	48.2-134			

mg/kg

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Celey D. Keene

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

01 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:			200				
Project Manager:	Bryan Haney		BO# BILL 10	0		ANALYSIS RE	REQUEST
Address: 14229	14229 Punta Bonaire		Company: Oil and Gas	III NOVO	7.		
city: Corpus Christi	State:	Texaszip: 78412	Attn:	Cas	3		
Phone #: 361-658-3126	Fax #:		Address:		12		
Project #: NVONM2303/001	2303/001 Project Owner:	er: Bryan Haney	City:		31,		
Project Name: Nov	Novo Goonch Release				7/		
Project Location: Lo	Loving New Mexico		Phone #		7		
5	n70l07		FIIOTIE #:		2		
Ģ	Gonzalez		Fax #:			_	
FOR LAB USE ONLY		MATRIX	PRESERV. S	SAMPLING			
Lab I.D.	Sample I.D.	AB OR (C)OM INTAINERS UNDWATER ITEWATER	ER: /BASE: COOL ER:	п⊣в	D → <i>QQ</i> M D <u>R</u> O		
0000	(" " ")	# GI	AC	TIME	0		
106	("ho2-102)	0 - ×	X 7-27-23	0h21 82.	×		-
×	(LOT-204")	C - ×	× //	1242	× >		
89	(1402-102)	×	×	1244	× ;		
	(201-204x)	C	× //	1246	×		
5 610	(201-204x)	C -	× //	8421	×		
6/3	(177-186")	C	× //	1250	< ·		
51.0	(177-180")	C - X	×	1252	×>		
8 633	(177-180")	О - ×	× //	1251	×		
654	(1,602-102)	C -	× //	1256	×		
LEASE NOTE: Liability and Damages, C	Cardinal's liability and client's exclusive remedy for a	X	×	1258	×		
ns/yees. All claims including those for negligence and any oth rarkes. In no event shall Carding be liable for incidental or con- Mistes or successors arising out of or related to the performan	er cause whatsoever sequental damages ice of services hereu	recy ior any caem arising whether based in contract or tort, sha whall be deemed waived unless made in writing and received t including without limitation, business interruptions, toss of use, ander by Cardinal, regardless of whether such distin is based up.	may whether based in continued or lort, shall be limited to the amount paid by the client for the wed unless made in writing and received by Cardinal within 30 days after completion of the applicable fation, business interruptions, loss of use, or loss of profits incurred by client, its about barriers and the state of the profits incurred by client, the substitutions of the state	paid by the client for the after completion of the applicable by client, its subsidiaries, direasons or otherwise.			
alibouished Rv.	Time: 27	Mou Com	ensi	Verbal Result:	s □ No Please prov	Add'I Phone #: de Email address:	
	Time:	Received By:		24 hr TAT			
Delivered By: (Circle One) ampler - UPS - Bus - Other:	Observed Temp	Sample Condition Cool Intact Cool Intact	OHECKED BY:	Turnaround Time:	Standard C	Bacteria (only) Cool Intact	Bacteria (only) Sample Condition
TORM-000 R 3/2 10/0)X:	Correction Factor -0	300 C	Yes Yes	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 8824

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Project Monogon	Allamira		BILL TO	0		- 1	FOLIFOR
Project Manager: Br	Bryan Haney		P.O. #: Direct Bill Nous	Novo		ANALTOIS K	REQUEST
ess:	14229 Punta Bonaire	0	Company: Oil and	Gas			
16.	sti State: Texaszip:	78412	Attn:		_	_	
	26 Fax #:	A	Address:				
Project #: NVONM2303/001	03/001 Project Owner:	Bryan Hanev	City:		_		
Project Name: Novo	Novo Goonch Release	and the second					
Project Location: Lovi	Loving New Mexico	0 0	hone #.				
5	roloy		Phone #:)		_
FOR LAB USE ONLY	Zaiez	77	Fax #:		. C.		
CA CHO GOE ONLY		MATRIX	PRESERV. SA	SAMPLING	Ī		
		TER			0		
Lab I.D.	Sample I.D.	AINE DWA NATE		1 B	_		
H233912		ONT/ OUNI ASTEV IL	D/BAS / COO HER :	т-	m c		
72.7		# C GF W/S SO OIL SLI	AC	TIME	S		
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100)	C - ×	×	1307	<>>		
	(201-204*)	C I	× //	NOS.	< >		
94.9	(201-204")	С - ×		3	< >		
		×	×	No.	<>		
		×	×				
		×	×		<>		
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			×		×		
LEASE NOTE: Liability and Damages, Cardin	Cardinal's liability and client's exclusive ramedy for any o	C ×	×		×		
rvice. In no event shall Cardinal be liable for incidental or co flutes or successors arising out of or related to the performa	ier cause whatsoever nsequental damages, nce of services hereu	shall be deemed waked unless made in wiling and receive including without limitation, business interruptions, loss of order by Cardinal, recurriless of whether the control of the control	As with small ce limited to the almount paid by the client for the id received by Cardinal within 30 days after completion of the loss of use, or loss of profits incurred by client, its subsidiaries	d by the client for the r completion of the applicable fient, its subsidiaries,			
3	7/27/23 R	Received By:		Verbal Result:	S No	Add'l Phone #-	
limilished Bu	Time: 37	1801	n exporas	en		Please provide Email address:	
, ,		Received By:		REMARKS:			
Delivered By: (Circle One)	illne:			24 hr TAT			
ampler - UPS - Bus - Other:	Corrected Temp. oc 2.96	Sample Condition Cool Intact Yes Wes	CHECKED BY: (Initials)	Turnaround Time;	Standard Rush	_	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C



August 02, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/02/2023
 Sampling Type:
 Soil

Project Name: NOVO GOONCH RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2303/001 Sample Received By: Tamara Oldaker

Project Location: LOVING NM

Sample ID: SW - 3 0-16' (H234062-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2023	ND	448	112	400	7.41	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

1010/ 000 000	(010) 000-2020 1 000 (010) 000-2710					
Company Name: Altai	Altamira		BILL TO		ANALYSIS REC	REQUEST
Project Manager: Bryan Haney	ney		P.O. #: Direct Bill Novo	OVO		
Address: 14229 Punta Bonaire	onaire		Company: Oil and Gas	S		
city: Corpus Christi	State: Texaszip:	78412	Attn:			
Phone #: 361-658-3126	Fax #:		Address:			
Project #: NVONM2303/001	Project Owner:	Bryan Haney	City:			
Project Name: Novo Goonch Release	ch Release		State: Zip:			
Project Location: Loving New Mexico	v Mexico		Phone #:			
Sampler Name: J.Gonzalez			Fax #:	T. C		
FOR LAB USE ONLY	P.	MATRIX	PRESERV. SAME	SAMPLING	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Lab I.D. Samp	Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE; ICE / COOL OTHER:	TIME	« m ∪ <u>д</u> 0	
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LEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	v and client's exclusive remedy for any clai	m arising whether based in contract o	r tort, shall be limited to the amount paid	by the client for the	×	
**************************************	y and client's exclusive remedy for any clain my other cause whatsoever shall be deem or consequental damages, including witho ormance of services hereunder by Cardina	m arising whether based in contract or fort, shall it washed unless made in writing and received by ut limitation, business interruptions, loss of use, or it repartitions of whether such claim is based upon	r fort, shall be limited to the amount paid received by Cardinal within 30 days after as of use, or loss of profits incurred by clossed upon append the above stated real based upon append the above stated real	toy one client for one completion of the applicable lient, its subsidiaries, sons or otherwise.		
ished By:	23	Received By:		Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	☐ No Add'I Phone #: pase provide Email address:	
Mon John	020	"DHONO!	Made	DEMADKS.		
Relinquished By:	Time:	Served By:		REMARKS:	4 HOTAT	
Delivered By: (Circle One)	Observed Temp. °C Och		On CHECKED BY: (Initials)	Turnaround Time: St	FO	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	No No No	£	Correction Factor OSC 75. 8/	· 8/1/23 Yes Yes	Corrected Temp. °C

Corrected Temp. °C



August 04, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO GOONCH RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 04-Aug-23 11:44

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 3 0-16'	H234062-01	Soil	01-Aug-23 14:10	01-Aug-23 16:20

08/04/23 - Client added BTEX and TPH to sample on 08/02/23. This is the revised report and will replace the one sent on 08/02/23.

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Project Number: NVONM2303/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 04-Aug-23 11:44

SW - 3 0-16' H234062-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	3080217	AC	02-Aug-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3080303	MS	04-Aug-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3080303	MS	04-Aug-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3080303	MS	04-Aug-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3080303	MS	04-Aug-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3080303	MS	04-Aug-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		104 %	71.5	-134	3080303	MS	04-Aug-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0	•	10.0	mg/kg	1	3080306	MS	03-Aug-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3080306	MS	03-Aug-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3080306	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctane			76.0 %	48.2	-134	3080306	MS	03-Aug-23	8015B	
Surrogate: 1-Chlorooctadecane			77.9 %	49.1	-148	3080306	MS	03-Aug-23	8015B	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 04-Aug-23 11:44

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080217 - 1:4 DI Water										
Blank (3080217-BLK1)				Prepared &	Analyzed:	02-Aug-23				
Chloride	ND	16.0	mg/kg							
LCS (3080217-BS1)				Prepared &	Analyzed:	02-Aug-23				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (3080217-BSD1)				Prepared &	Analyzed:	02-Aug-23				
Chloride	416	16.0	mg/kg	400		104	80-120	7.41	20	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence aring any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



%REC

88.2-128

71.5-134

102

0.680

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

Project: NOVO GOONCH RELEASE

Spike

Source

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 04-Aug-23 11:44

RPD

16.3

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

6.05

0.0510

0.150

mg/kg

mg/kg

6.00

0.0500

				-F						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080303 - Volatiles										
Blank (3080303-BLK1)				Prepared &	ն Analyzed:	03-Aug-23	3			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0517		mg/kg	0.0500		103	71.5-134			
LCS (3080303-BS1)				Prepared &	ե Analyzed:	03-Aug-23	3			
Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130			
Toluene	1.96	0.050	mg/kg	2.00		98.1	86-128			
Ethylbenzene	2.03	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.13	0.100	mg/kg	4.00		103	89-129			
o-Xylene	1.95	0.050	mg/kg	2.00		97.7	86.1-125			
Total Xylenes	6.09	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	71.5-134			
LCS Dup (3080303-BSD1)				Prepared &	z Analyzed:	03-Aug-23	3			
Benzene	2.05	0.050	mg/kg	2.00		102	82.8-130	0.417	15.8	
Toluene	1.95	0.050	mg/kg	2.00		97.6	86-128	0.559	15.9	
Ethylbenzene	2.03	0.050	mg/kg	2.00		101	85.9-128	0.121	16	
n,p-Xylene	4.11	0.100	mg/kg	4.00		103	89-129	0.561	16.2	
o-Xylene	1.94	0.050	mg/kg	2.00		96.8	86.1-125	0.933	16.7	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence are any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO GOONCH RELEASE

Spike

Source

Project Number: NVONM2303/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 04-Aug-23 11:44

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		1 0		1						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3080306 - General Prep - Organics										
Blank (3080306-BLK1)				Prepared &	& Analyzed:	03-Aug-23	3			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.4		mg/kg	50.0		82.7	48.2-134			
Surrogate: 1-Chlorooctadecane	42.6		mg/kg	50.0		85.3	49.1-148			
LCS (3080306-BS1)				Prepared &	& Analyzed:	03-Aug-23	3			
GRO C6-C10	152	10.0	mg/kg	200		75.8	66.4-123			
DRO >C10-C28	139	10.0	mg/kg	200		69.4	66.5-118			
Total TPH C6-C28	290	10.0	mg/kg	400		72.6	77.6-123			BS-3
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		82.9	48.2-134			
Surrogate: 1-Chlorooctadecane	44.3		mg/kg	50.0		88.5	49.1-148			
LCS Dup (3080306-BSD1)				Prepared &	& Analyzed:	03-Aug-23	3			
GRO C6-C10	169	10.0	mg/kg	200		84.5	66.4-123	10.8	17.7	
DRO >C10-C28	157	10.0	mg/kg	200		78.5	66.5-118	12.3	21	
Total TPH C6-C28	326	10.0	mg/kg	400		81.5	77.6-123	11.6	18.5	
Surrogate: 1-Chlorooctane	42.0		mg/kg	50.0		84.0	48.2-134			
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0		90.1	49.1-148			

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Celey D. Keene



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 8

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Project Managor: Altamira	BILL TO	ANALYSIS DECLESS
Address: 14229 Plinta Ronairo	P.O. #: Direct Bill Novo	000 000
Common Charles	Company: Oil and Gas	
(Attn:	
NVONM2303/001	Address:	3
(City:	12 a
	State:	121
Project Location: Loving New Mexico	Dhono#.	81 av
5	Phone #:	_
FOR LABUSE ONLY	Fax #:	_
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AINER	SE:	D ZD
HZ3HV62	Ser Jan	O THE
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EASE NOTE: Liability and Damaoes. Cardinal's liability and Cardinal's liability.	N. S.	< ×
those for negligence and any other ca final be liable for incidental or consequ out of or related to the performance or	use whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable what damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, such as a profit of the applicable services hereunder by Cardinal congruings of waivenes are considered to the congruing of the applicable services hereunder by Cardinal congruings of waivenes are considered to the congruing of the congruing	
Normal and Times:	Verbal Result:	Verbal Result:
By:	REMARKS:	
Time:		D4 75 75
ampler - UPS - Bus - Other: Corrected Tamp. 'C Cool Intact	CHECK (Initi	Standard Bacteria (only) Sample Condition
† Cardinal cannot accept verbal ch	Cardinal cannot accept verbal changes. Please email changes from 1500 75. 8	1/23
	diffes. Flease email changes to celey.keeneld	Hahenm com

Received by OCT: 9/21/2023 10:15:45 AM MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Man Cont Rage 299 of 456 Name Phone No. GENERATOR Permit/RRC No Operator No. Lease/Well Name & No **Operators Name** Address API No. Rig Name & No City, State, Zip Phone No. ste type in barrels or cubic yards Washout Water (Non-Injectable) Oil Based Cuttings Completion Fluid/Flow back (Injectable) Completion Fluid/Flow back (Non-Injectable) Water Based Muds Produced Water (Injectable) Produced Water (Non-Injectable) Water Based Cuttings Gathering Line Water/Waste (Injectable **Produced Formation Solids** Tank Bottoms Truck Washout (exempt waste) E&P Contaminated Soil Gas Plant Waste GATHERING LINES PRODUCTION COMPLETION WASTE GENERATION PROCESS DRILLING All non-exempt E&P waste must be analysed and be below the threshold limits *please select from Non-Exempt Waste List on back Non-Exempt Other Y - YARDS L-LIQUID B - BARRELS QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-RCRA NON-EXEMPT hazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) RCRA Hazardous Waste Analysis Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) SIGNATURE TRANSPORTER Driver's Name Transporter's Name Print Name Address Phone No. Truck No. Phone No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DRIVER'S SIGNATURE DELIVERY DATE RECEIVING AREA DISPOSAL TRUCK TIME STAMP Name/No OUT: IN: Phone No. Site Name/ 575-393-1079 Halfway Facility / NM1-006 Permit No 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Address NO If YES, was reading > 50 micro roentgens? (circle one) NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One) Inches Feet BS&W (%) BS&W/BBLS Received 1st Gauge Free Water 2nd Gauge Total Received Received DENIED If denied, why? ACCEPTED I hereby certify that the above load material has been (circle one): SIGNATURE TITLE DATE NAME (PRINT) Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1 Yellow - TRANSPORTER COPY White - R360 ORIGINAL C-138

Received by OCD: 9/21/2023 10:15:45 AM

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Page 300 of 456
Company Man Contact Information

ENVIRONMENTAL SOLUTIONS		EASE FRINTY	Phone No.	2) 5 - 5 9 (2)
	GEN	VERATOR	NO. 6310	63
Operator No.		Permit/RRC No. Lease/Well	0313	oli sin itrago
Operators Name		Name & No.	GOONLY TO 040	920 5194
Address	SHIRE BLVD	County	EDDY	A Suscinguista
City, State, Zip	H4 OK 53116	API No. Rig Name & No.	30-013 9600	* HOVE THE PARTY OF
Phone No.	56-1391	AFE/PO No.	A STATE OF THE STA	THE METERS
	Waste/Service Identification and Amou	unt (place volume next to w	raste type in barrels or cubic yards)	AND DESCRIPTIONS
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds Water Based Cuttings	Completion Fluid/Flow back (Non-Inject Produced Water (Non-Injectable)	table)	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)	2-3700-10-1
Produced Formation Solids	Gathering Line Water/Waste (Non-Injection	ctable)	Gathering Line Water/Waste (Injectable)	
Tank Bottoms E&P Contaminated Soil	Truck Washout (exempt waste)		OTHER EXEMPT WASTES (type and generation p	rocess of the waste)
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING CO	DMPLETION	PRODUCTION GATHE	ERING LINES
		e/Service Identification and Amo		NING LINES
	P waste must be analysed and be below the	threshold limits for toxicity (TCL	LP), Ignitability, Corrosivity and Reactivity.	
Non-Exempt Other		*please select fro	om Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Con load is (Check the appropriate classification)	servation and Recovery Act (RCRA) and the	US Environmental Protection Ag	gency's July 1988 regulatory determination, the	above described waste
	s generated from oil and gas exploration and	d production operations and are	not mixed with non-exempt waste (R360 Acce	epts certifications on a per
load basis only		The same of the same of		Dr. Destination
			aste hazardous by characteristics established i ended. The following documentation demonst	
hazardous is a	ttached. (Check the appropriate items as pro	ovided)		
MSDS Informa	ntion RCRA Hazardous Was	te Analysis	Other (Provide Description Below)	
Emergency no	n-hazradous, non-oilfeild waste that has bee	en ordered by the Department o	f Public Safety (the order, documentation of no	on-hazardous waste
	and a desciption of the waste must accomp		175	
(PRINT) AUTHORIZED AGENTS NAME	Contract to	DATE	SIGNATURE	1000
the supplemental and the say	TRAN	NSPORTER		
Transporter's		Driver's Name		
NameAddress		Print Name		PRINCE OF LES
The second secon		Phone No.		strengt insite
Phone No.	100 / 100 miles	Truck No.		Per Need Con -
hereby certify that the above named material(s) w	ras/were picked up at the Generator's site lis	sted above and delivered withou	ut incident to the disposal facility listed below.	N. T.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVE	RY DATE DRIVER'S	SIGNATURE
TRUCK TIME STAM	P DISPOS	SAL FACILITY	RECEIVING AF	REA
IN: OUT:			Name/No.	or adjustments
Site Name/ Permit No Halfway Facility / NM1-006		Phone No.	575-393-1079	
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile	Marker 66 Carlsbad, NM 88220	and the second	A STATE OF THE STA	S DE VENEZ DE C
NORM READINGS TAKEN? (Circle O		If YES, was readin	ng > 50 micro roentgens? (circle one) Y	ES NO
PASS THE PAINT FILTER TEST? (Circle O	The second secon	NO	no pateria nom	
	TANK	BOTTOMS		and the second
Feet 1st Gauge	Inches	BCS	&W/BBLS Received BS&\	W (%)
2nd Gauge		836	Free Water	(4 (70)
Received		150% (a)	Total Received	
I hereby certify that the above load material has	been (circle one): ACCEPTED	DENIED If denied, why?		and the same of the same
11/1/11/11	(14/74		Sherman Carlo	SILEN STANFOR
NAME (PRINT)	DATE	TITLE	SIGNATURE	1

White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

C-138

(PLEASE PRINT) Phone No. NO Permit/RRC No. Operator No Lease/Well Name & No Operators Name Address API No. Rig Name & No. City, State, Zip AFE/PO No. Phone No ÉXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic vards Oil Based Muds Oil Based Cuttings Washout Water (Non-Injectable) Completion Fluid/Flow back (Injectable) Water Based Muds Completion Fluid/Flow back (Non-Injectable) Produced Water (Injectable) Water Based Cuttings Produced Water (Non-Injectable) Gathering Line Water/Waste (Injectable Gathering Line Water/Waste (Non-Injectable **Produced Formation Solids** Tank Bottoms E&P Contaminated Soil Truck Washout (exempt waste) **GATHERING LINES** WASTE GENERATION PROCESS COMPLETION **PRODUCTION** DRILLING *please select from Non-Exempt Waste List on back Non-Exempt Other E - EACH L - LIQUID B - BARREIS QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) MSDS Information RCRA Hazardous Waste Analysis Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) SIGNATUR TRANSPORTER Transporter's Driver's Name Name Print Name Address Phone No Truck No. Phone No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below DRIVER'S SIGNATURE DELIVERY DATE SHIPMENT DATE DRIVER'S SIGNATUR DISPOSAL FACILITY RECEIVING AREA TRUCK TIME STAMP Name/No. OUT: IN: Site Name/ Phone No. 575-393-1079 Halfway Facility / NM1-006 Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 YES NO If YES, was reading > 50 micro roentgens? (circle one) NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) YES NO Inches BS&W (%) BS&W/BBLS Received 1st Gauge Free Wate 2nd Gauge Total Received Received ACCEPTED DENIED I hereby certify that the above load material has been (circle one): SIGNATURE NAME (PRINT) Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1 Yellow - TRANSPORTER COPY C-138 White - R360 ORIGINAL

Received by OCD: 9/21/2023 10:15:45 AM W MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Copage 302 of 456

Page 303 of 456
Company Man Contact Information Name_

SOLUTIONS	glissib.	Phone No.
	GENERATOR	NO. 631969
Operator No.	Permit/RRC No.	031300
Operators Name	Lease/Well Name & No.	Francy To 0409 214 4
Address 1001 W. WILSING	<u>BLVD</u> County	ODY CONTRACTOR OF THE PARTY OF
S/ni 266	API No.	30-015-46608
City, State, Zip	OK 73.11 (Rig Name & No.	414
Phone No.	36 AFE/PO No.	in the formation of the contract of the contra
EXEMPT E&P Waste/S	ervice Identification and Amount (place volume next to wa	ste type in barrels or cubic yards)
	-INJECTABLE WATERS	INJECTABLE WATERS Washout Water (Injectable)
	nout Water (Non-Injectable) pletion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
	uced Water (Non-Injectable) ering Line Water/Waste (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Tank Bottoms INTE	RNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil Truck Gas Plant Waste	(Washout (exempt waste)	all a commercial production with the said
WASTE GENERATION PROCESS: DRIL	LING COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and Amo	unt
All non-exempt E&P waste r	nust be analysed and be below the threshold limits for toxicity (TCL	
Non-Exempt Other	*please select fro	m Non-Exempt Waste List on back
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conservation	and Recovery Act (RCRA) and the US Environmental Protection Age	ency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)		era muzika di kalendal ususik - Kabib
I RCRA EXEMPT:	ed from oil and gas exploration and production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a pe
load basis only) Oil field waste which is	non-hazardous that does not exceed the minimum standards for w	aste hazardous by characteristics established in RCRA regulations, 40 CF
		ended. The following documentation demonstrating the waste as non-
	Check the appropriate items as provided)	L.
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
	18-11d was to the beautiful and by the Donastin and the	E Dublic Cofety (the order decumentation of you beyond us weste
1 FMERGENCY NON-OILEFILD:	ous, non-oilfeild waste that has been ordered by the Department of sciption of the waste must accompany this form)	Public Safety (the Order, documentation of non-nazardous waste
Per Taylor	Par to minute:	The State of the S
(PRINT) AUTRORIZED AGENTS NAME	DATE	SIGNATURE
	TRANSPORTER	
Transporter's Name	Driver's Name	
Address	Print Name	State and Astronomy
The state of the s	Phone No.	1000
Phone No.	Truck No.	typing int your refer to
I hereby certify that the above named material(s) was/were	picked up at the Generator's site listed above and delivered withou	t incident to the disposal facility listed below.
and the state of the same of the same of		the state of the s
	R'S SIGNATURE DELIVER	RECEIVING AREA
TRUCK TIME STAMP	DISPOSAL FACILITY	
IN: OUT:		Name/No.
Site Name/ Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile Marker (56 Carlshad, NM 88220	
NORM READINGS TAKEN? (Circle One)		ng > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	Briefly Committee and the Property of the Prop
	TANK BOTTOMS	and an interest of the second
Feet	Inches	
1st Gauge		&W/BBLS Received BS&W (%)
2nd Gauge		Free Water Total Received
Received		
I hereby certify that the above load material has been (ci	rcle one): ACCEPTED DENIED If denied, why?	
11111/1/11/11	C1/9	The state of the s
NAME (PRINT)	DATE TITLE	SIGNATURE
		A STATE OF THE STA
C-138 White - R360 ORIGINAL Ye	llow - TRANSPORTER COPY Pink - GENERATOR SI	TE COPY Gold - RETURN TO GENERATOR Version

ceived by OCD: 9/21/2023 10:1	13:43 AMEW MEXICO N	NON-HAZARDOUS OIL		William Property	The second second	
369 MENTAL (1977)		(PLEASE PRIN	IT)	Na Phone	No.	1 6952
unions		GENERAT	OR	NO.		
		GENERAL	Permit/RRC No.	anter como constru	631965	meaning at
rator No.	Car	THE PERSON NAMED IN	Lease/Well	Bornery	FT 0409	TEFFIC
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	44	THE SECTION SECTION	Rig Name & No.	The same of the same		and the second
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Based Muds	NON-INJECTABLE WATER	RS		Washout Water (Injectable		
Based Cuttingsater Based Muds	Washout Water (Non-Inj Completion Fluid/Flow b	pack (Non-Injectable)		Completion Fluid/Flow back	k (Injectable)	or u la nation el
ater Based Cuttings	Produced Water (Non-In Gathering Line Water/W	njectable)		Produced Water (Injectable Gathering Line Water/Wast	te (Injectable)	
duced Formation Solids	INTERNAL USE ONLY	SECTION 1		OTHER EXEMPT WASTES (ty	pe and generation process of	of the waste)
P Contaminated Soil	Truck Washout (exempt	waste)		The Control		
s Plant Waste ASTE GENERATION PROCESS:	DRILLING	COMPLETION	N	PRODUCTION	GATHERING	LINES
	NON-EVE	MPT E&P Waste/Service Id	entification and Amo	ount		
All non-exempt	E&P waste must be analysed an	nd be below the threshold I	limits for toxicity (TCI	LP), Ignitability, Corrosivity ar	nd Reactivity.	
-Exempt Other			*please select fro	om Non-Exempt Waste List	on buck	
ANTITY	B - BA	RRELS	L - LIQUID	Y - YARD	s	E - EACH
RCRA EXEMPT: load basis of Oil field was 261.21-261	ste which is non-hazardous that 24, or listed hazardous waste a is attached. (Check the appropr	as defined by 40 CFR, part 2	261, subpart D, as am	vaste hazardous by character nended. The following docum Other (Provide Description	lentation demonstrating	A regulations, 40 CFR the waste as non-
RCRA NON-EXEMPT: load basis of Oil field was 261.21-261 hazardous if MSDS Infor	ste which is non-hazardous that 24, or listed hazardous waste a is attached. (Check the appropr	as defined by 40 CFR, part 2 riate items as provided) . Hazardous Waste Analysis aste that has been ordered	by the Department of	Other (Provide Description	Below)	
RCRA NON-EXEMPT: load basis of Oil field was 261.21-261 hazardous if MSDS Infor	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA	as defined by 40 CFR, part 2 riate items as provided) . Hazardous Waste Analysis aste that has been ordered	by the Department orm)	Other (Provide Description	Below)	
RCRA EXEMPT: load basis of RCRA NON-EXEMPT: Oil field was 261.21-261 hazardous in MSDS Information MSDS Information Emergency determinate (PRINT) AUTHORIZED AGENTS NAME	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this fo	by the Department orm)	Other (Provide Description	Below)	
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RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wastion and a desciption of the was	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this fo	Down No. Truck No.	Other (Provide Description of Public Safety (the order, do	n Below) ocumentation of non-ha	
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RCRA EXEMPT: load basis of Coll field was 261.21-261 hazardous in MSDS Information MSDS Inf	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was (s) was/were picked up at the G	as defined by 40 CFR, part 2 riate items as provided) A Hazardous Waste Analysis aste that has been ordered ste must accompany this fo	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered without	Other (Provide Description of Public Safety (the order, do	SIGNATURE SIGNATURE DRIVER'S SIGNA	izardous waste
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RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was (s) was/were picked up at the G	as defined by 40 CFR, part 2 riate items as provided) A Hazardous Waste Analysis aste that has been ordered ste must accompany this fo	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered without	Other (Provide Description of Public Safety (the order, do	acility listed below. DRIVER'S SIGNAT	izardous waste
RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was (s) was/were picked up at the G	as defined by 40 CFR, part 2 riate items as provided) A Hazardous Waste Analysis aste that has been ordered ste must accompany this fo	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered without	Other (Provide Description of Public Safety (the order, do out incident to the disposal favored Description out incident Description Description out Description D	acility listed below. DRIVER'S SIGNAT	izardous waste
RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was (s) was/were picked up at the G DRIVER'S SIGNATURE	as defined by 40 CFR, part 2 riate items as provided) A Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO Generator's site listed above.	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered without the poeur of the poeur o	Other (Provide Description of Public Safety (the order, do out incident to the disposal fa	acility listed below. DRIVER'S SIGNAT	izardous waste
RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the approprimation RCRA ronn-hazardous, non-oilfeild watton and a desciption of the waston and a desciption of the waston was was well as the GORIVER'S SIGNATURE	as defined by 40 CFR, part 2 riate items as provided) A Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO Generator's site listed above.	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered wither ACILITY	Other (Provide Description of Public Safety (the order, do out incident to the disposal fa	acility listed below. DRIVER'S SIGNAT ECEIVING AREA	izardous waste
RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was (s) was/were picked up at the G DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 Cle One) YES	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO TRANSPO DISPOSAL F	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered wither ACILITY	Other (Provide Description of Public Safety (the order, do out incident to the disposal favored Name/No	acility listed below. DRIVER'S SIGNAT ECEIVING AREA	azardous waste
RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was (s) was/were picked up at the G DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 Cle One) YES	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO TRANSPO DISPOSAL F	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered without the print Name Phone No. If YES, was rea	Other (Provide Description of Public Safety (the order, do out incident to the disposal favored Name/No	acility listed below. DRIVER'S SIGNAT ECEIVING AREA	azardous waste
RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was (s) was/were picked up at the G DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 Cle One) YES	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO TRANSPO DISPOSAL F	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered wither Phone No. If YES, was real NO	Other (Provide Description of Public Safety (the order, do out incident to the disposal fa very DATE RE Name/No 575-393-1079	acility listed below. DRIVER'S SIGNAT ECEIVING AREA	nzardous waste
RCRA NON-EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the approprimation RCRA ronn-hazardous, non-oilfeild wastion and a description of the wastion and a description and a de	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO TRANSPO DISPOSAL F	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered wither Phone No. If YES, was real NO	Other (Provide Description of Public Safety (the order, do out incident to the disposal favored Name/No	acility listed below. DRIVER'S SIGNAT CCITCLE ONE) YES	nzardous waste
RCRA NON-EXEMPT: Oil field wa: 261.21-261 hazardous i MSDS Infor EMERGENCY NON-OILFEILD: Emergency determinat (PRINT) AUTHORIZED AGENTS NAME Fansporter's ame ddress hone No. hereby certify that the above named materials SHIPMENT DATE TRUCK TIME STA OUT: ite Name/ ermit No. ddress NORM READINGS TAKEN? (Circ PASS THE PAINT FILTER TEST? (Circ	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the approprimation RCRA ronn-hazardous, non-oilfeild wastion and a description of the wastion and a description and a de	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO TRANSPO DISPOSAL F	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered wither Phone No. If YES, was real NO	Other (Provide Description of Public Safety (the order, do out incident to the disposal fa VERY DATE RE Name/No 575-393-1079 Iding > 50 micro roentgens? (acility listed below. DRIVER'S SIGNAT CCITCLE ONE) YES	nzardous waste
RCRA NON-EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was ORIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 cle One) YES cle One) YES Inches	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO Generator's site listed above DISPOSAL F	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered withe Phone No. If YES, was rea NO TOMS	Other (Provide Description of Public Safety (the order, do out incident to the disposal fa very DATE RE Name/No 575-393-1079 Iding > 50 micro roentgens? (35&W/BBLS Received Free Water Total Received	acility listed below. DRIVER'S SIGNAT CCITCLE ONE) YES	nzardous waste
RCRA EXEMPT: load basis of Oil field was 261.21-261 hazardous in MSDS Information MSDS Info	only) ste which is non-hazardous that24, or listed hazardous waste a is attached. (Check the appropr rmation RCRA r non-hazradous, non-oilfeild wa tion and a desciption of the was ORIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 cle One) YES cle One) YES Inches	as defined by 40 CFR, part 2 riate items as provided) Hazardous Waste Analysis aste that has been ordered ste must accompany this form. TRANSPO TRANSPO DISPOSAL F	DATE RTER Driver's Name Print Name Phone No. Truck No. e and delivered without ACILITY Phone No. If YES, was rea NO TOMS	Other (Provide Description of Public Safety (the order, do out incident to the disposal fa very DATE RE Name/No 575-393-1079 Iding > 50 micro roentgens? (35&W/BBLS Received Free Water Total Received	acility listed below. DRIVER'S SIGNAT CCITCLE ONE) YES	nzardous waste

William IN	TRUCK TIME STAMP		DISP	OSAL FACILITY	RECEIVII	NG AREA
IN:	OUT:			CONTRACTOR IN	Name/No.	abar harring
Site Name/ Permit No.	Halfway Facility / NM1-006			Phone No.	575-393-1079	ed right in an analysis of a
Address	6601 Hobbs Hwy US 62/180 Mile Marke	er 66 Carlsb	oad, NM 88220	and the first of the second		
	NORM READINGS TAKEN? (Circle One)	YES	NO	If YES, was read	ing > 50 micro roentgens? (circle one)	YES NO
P	PASS THE PAINT FILTER TEST? (Circle One)		YES	NO	Parent ment treatment	And a local section of
	The state of the s		TAI	NK BOTTOMS	and control in	ELEVERAL TRANSPORT
	Feet		Inches			
1st Gauge			The second second	BS	&W/BBLS Received	BS&W (%)
2nd Gauge	The second secon			Approximation to the last condition	Free Water	The second secon
Received			Santial Landing	A CONTRACTOR OF THE PARTY OF TH	Total Received	The second second
	The same of the same					
I hereby o	certify that the above load material has been	(circle one)): ACCEPTED	DENIED If denied, why	?	

DATE

Yellow - TRANSPORTER COPY

TITLE

SIGNATURE

Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

White - R360 ORIGINAL

NAME (PRINT)

C-138

		Page 306 of 4:
Company	Man	Contact Information

ENVIRONMENTAL SOLUTIONS	() Echoc I ()	Da mil	Phone No. 1432) 215 5452
	GENERA	TOR	NO. 631966
Operator No.	refre desired	Permit/RRC No.	031300
Operators Name	OAS	Lease/Well Name & No.	Councy To over my 11
Address 1001 Will State	E BLYO	County	L DON
241E 90P	The Management of the later of	API No.	30-015-46608
City, State, Zip	U.S. Control	Rig Name & No.	47.110
Phone No.	. 1) 11	AFE/PO No.	
Oil Based Muds	ste/Service Identification and Amount (place NON-INJECTABLE WATERS	volume next to w	aste type in parrels or cubic yards) INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
Water Based Muds Water Based Cuttings	Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)		Produced Water (Injectable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY		Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	1 2 Media	The property of the Catalogue (Au)
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING COMPLETIC	ON O	PRODUCTION GATHERING LINES
Manual Manual State of the Stat	NON-EXEMPT E&P Waste/Service I	dentification and Ame	ount
All non-exempt E&P v	vaste must be analysed and be below the threshold		
Non-Exempt Other		*please select fr	om Non-Exempt Waste List on back
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS E - EACH
	vation and Recovery Act (RCRA) and the US Enviro	nmental Protection Ag	gency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification) Oil field wastes go	enerated from oil and gas exploration and producti	on operations and are	e not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis only)		Samos I come	
THE THOR EXEMINATE			vaste hazardous by characteristics established in RCRA regulations, 40 CFR nended. The following documentation demonstrating the waste as non-
	ched. (Check the appropriate items as provided)		
MSDS Informatio	n RCRA Hazardous Waste Analysi	s	Other (Provide Description Below)
Emergancy non-h	azradous non-oilfeild waste that has been ordere	hy the Department	of Public Safety (the order, documentation of non-hazardous waste
I I FMFR(3FN(Y N()N-() FFII I):	d a desciption of the waste must accompany this fo		Training street, the discription in the street was the street with the street was
PRINTI AUTHORIZED'AGENTS NAME	Deff	DATE	SIGNATURE
	TRANSPO		Colorent Unit Technical
Transporter's	INANSFO	STATE SALE	
Name KODIAK	The second section and section	Driver's Name	TOSOL FRANCO
Address	4 >	Print Name Phone No.	- 31.9-29001
Phone No.		Truck No.	97
I hereby certify that the above named material(s) was	/were picked up at the Generator's site listed abov	e and delivered witho	but incident to the disposal facility listed below.
04/09/3		10/1/	19/23 7 20/
SHIPMENT DATE	DRIVER'S SIGNATURE		DECEMANDO A DE A
TRUCK TIME STAMP	DISPOSAL F	ACILITY	RECEIVING AREA Name/No.
IN: OUT:			Name/No.
Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile M	arker 66 Carlsbad, NM 88220		the state of the s
NORM READINGS TAKEN? (Circle One)	A Land		ling > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)		NO	
	TANK BOT	TOMS	
1st Gauge Feet	Inches	BS	S&W/BBLS Received BS&W (%)
2nd Gauge		Name of the Party	Free Water Total Received
Received			Total neceived
I hereby certify that the above load material has be	een (circle one): ACCEPTED DENIED	If denied, why	R
11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	1-100	A	An additional a control
NAME (PRINT)	DATE	TITLE	SIGNATURE
C-138 White - R360 ORIGINAL	Yellow - TRANSPORTER COPY Pinl	c - GENERATOR S	SITE COPY Gold - RETURN TO GENERATOR Version 1

(PLEASE PRINT)

Page 307 of 456
Company Man Contact Information

SOLUTIONS STATEMENT ALL		Phone No. (432) 215 (45)
	GENERATOR	NO. 631967
Operator No.	Permit/RRC No. Lease/Well	031.301
Operators Name Nove on 1 Ses	Name & No.	Goodel Fr 0409 21411
Address 1001 W. VILSHIEL BO		EDDY
City, State, Zip	API No. Rig Name & No.	30 - 015 - 46608
City, State, Zip Phone No.	Rig Name & No. AFE/PO No.	All law energy to the party of
DECEMBER OF THE PARTY OF THE PA	ice Identification and Amount (place volume next to w	raste type in barrels or cubic vards)
Oil Based Muds , NON-INJ	ECTABLE WATERS	INJECTABLE WATERS
	t Water (Non-Injectable) ion Fluid/Flow back (Non-Injectable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
	d Water (Non-Injectable) g Line Water/Waste (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Tank Bottoms INTERNA	AL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Gas Plant Waste	ashout (exempt waste)	
WASTE GENERATION PROCESS: DRILLIN	G COMPLETION	PRODUCTION GATHERING LINES
All non-evennt P&P waste must	NON-EXEMPT E&P Waste/Service Identification and Ame t be analysed and be below the threshold limits for toxicity (TC	
Non-Exempt Other		om Non-Exempt Waste List on back
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conservation and	H Recovery Act (RCRA) and the US Environmental Protection Ag	gency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)	from oil and gas exploration and production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis only)	Torri on and gas exploration and production operations and are	The mixed with horsexempt waste (1900 Accepts terminations on a per
		vaste hazardous by characteristics established in RCRA regulations, 40 CFR rended. The following documentation demonstrating the waste as non-
hazardous is attached. (Che	ck the appropriate items as provided) RCRA Hazardous Waste Analysis	Other (Provide Description Below)
INSDS.IIIOTITIATION	I NOTA Hazardous Waste Analysis	J dutil (House Sestipation Select)
1 FMFRGFN(Y N()N-() FFII)		of Public Safety (the order, documentation of non-hazardous waste
determination and a descip	tion of the waste must accompany this form)	A Commission of the
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
	TRANSPORTER	200% (1886)
Transporter's Name	Driver's Name	KALUEL SURPLY
Address	Print Name	756821667
Diagram No.	Phone No. Truck No.	ai
Phone No. I hereby certify that the above named material(s) was/were pick		ut incident to the disposal facility listed below
Thereby Certify that the above named material(s) was, were pick	the deflerator 3 site listed above and delivered with	2973
SHIPMENT DATE DRIVER'S S		ERY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN:OUT:		Name/No.
Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 C	Carlsbad, NM 88220	
NORM READINGS TAKEN? (Circle One) YE	A STATE OF THE PARTY OF THE PAR	ing > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	
Feet	Inches	Security on AUL and Designation of the
1st Gauge 2nd Gauge	BS BS	&W/BBLS Received BS&W (%) Free Water
Received Received		Total Received
I hereby certify that the above load material has been (circle	one): ACCEPTED DENIED If denied, why	?
	That the	The property of the property of the
NAME (PRINT)	DATE	SIGNATURE

Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

White - R360 ORIGINAL

C-138

Yellow - TRANSPORTER COPY

QCD: 9/21/2023 10:15:45 AMEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Man Co Prage 308 of 456 (PLEASE PRINT) Phone No. GENERATOR NO Operator No. Permit/RRC No Lease/Well Operators Name Name & No Address County API No City, State, Zip Rig Name & No Phone No. AFE/PO No. rvice Identification and Amount (place volume next to w Oil Based Muds Oil Based Cuttings Washout Water (Non-Injectable) Water Based Muds Completion Fluid/Flow back (Non-Injectable) Completion Fluid/Flow back (Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Water (Injectable) **Produced Formation Solids** Tank Bottoms E&P Contaminated Soil Truck Washout (exempt waste) Gas Plant Waste WASTE GENERATION PROCESS DRILLING COMPLETION PRODUCTION **GATHERING LINES** NON-EXEMPT E&P Waste/Service Identification and Amoun waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reacti-Non-Exempt Other *please select from Non-Exempt Waste List on back QUANTITY B - BARRELS L - LIQUID Y - YARDS I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste **EMERGENCY NON-OILFEILD:** determination and a desciption of the waste must accompany this form) Transporter's Driver's Name Name Address **Print Name** Phone No Phone No Truck No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DAT DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE DISPOSAL FACILIT **RECEIVING AREA** TRUCK TIME STAMP OUT: IN: Name/No. Site Name/ 575-393-1079 Halfway Facility / NM1-006 Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) NO If YES, was reading > 50 micro roentgens? (circle one) NO PASS THE PAINT FILTER TEST? (Circle One) YES 1st Gauge BS&W/BBLS Received BS&W (%) Free Water 2nd Gauge Received I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? NAME (PRINT) TITLE SIGNATURE C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

RSOW III	(PLEASE P	RINT)		TRUTTE
SOLUTIONS		- ald spiral	Phone No. (437)	213 - 5453
	GENERA	ATOR	NO. 6319	0.2
Operator No.	the state of the s	Permit/RRC No. Lease/Well		-
Operators Name	AS	Name & No.	Goon(H FC 0	409 214 11
Address 1001 W. WIL SHI	RE BLUD	County	Eppy	7 40
SUITE 301	114 -OK 73116	API No.	30-015 - 46	POX
City, State, Zip Phone No.	6 - 4291	Rig Name & No. AFE/PO No.	Manufacture and the second sec	THE RESERVE OF THE PARTY OF THE
	este/Service Identification and Amount (pla		raste type in barrels or cubic yards)	
Oil Based Muds	NON-INJECTABLE WATERS	de volume next to the	INJECTABLE WATERS	The Control of the
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flow back (Injectable)	
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable)		Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	
Tank Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation pr	rocess of the waste)
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)		A segretarial and the supplementarial	ATTENDED TO THE OF
WASTE GENERATION PROCESS:	DRILLING COMPLET	ION	PRODUCTION GATHER	RING LINES
	NON-EXEMPT E&P Waste/Service	Identification and Amo	ount	
	vaste must be analysed and be below the thresho			
Non-Exempt Other		*please select fro	om Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conse	vation and Recovery Act (RCRA) and the US Envir	onmental Protection Ag	gency's July 1988 regulatory determination, the	above described waste
load is (Check the appropriate classification)			A CONTRACTOR OF THE CONTRACTOR ASSESSMENT OF	
RCRA EXEMPT: Oil field wastes g load basis only)	enerated from oil and gas exploration and produc	tion operations and are	e not mixed with non-exempt waste (K360 Acce	pts certifications on a per
No. 11 Control Control	nich is non-hazardous that does not exceed the mi			
	r listed hazardous waste as defined by 40 CFR, par ched. (Check the appropriate items as provided)	t 261, subpart D, as am	ended. The following documentation demonstr	rating the waste as non-
MSDS Informatio		sis	Other (Provide Description Below)	
I FMFKGFNCY NON-OH FFILD:	nazradous, non-oilfeild waste that has been ordere		of Public Safety (the order, documentation of no	on-hazardous waste
determination ar	d a desciption of the waste must accompany this	form)		CONTRACTOR OF THE
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGNATURE	
for sixty said, and knowledge on	TRANSPO	DRTER	12 10 10 10 10 10 10 10 10 10 10 10 10 10	Compressión -
Transporter's	The state of the s	Driver's Name	ROKUM SOUR	12
Address Address		Print Name	7868031167	THE NAME OF STREET
Section Section Consumer		Phone No.		Salar Salar Salar
Phone No.		Truck No.	91	TISIS NOT LE
I hereby certify that the above named material(s) was	/were picked up at the Generator's site listed abo	ve and delivered withou	ut incident to the disposal facility listed below.	
4-29-23			ERY DATE DRIVER'S S	SIGNATURE
TRUCK TIME STAMP	DISPOSAL I	The second secon	RECEIVING AF	
	DISPOSALI	ACILITI	Name/No.	NEA
		The same of the sa	Name/No.	
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079	- white
Address 6601 Hobbs Hwy US 62/180 Mile M	arker 66 Carlsbad, NM 88220	79 700		
NORM READINGS TAKEN? (Circle One	YES NO	If YES, was readi	ing > 50 micro roentgens? (circle one)	ES NO
PASS THE PAINT FILTER TEST? (Circle One	YES	NO		and the location of
	TANK BO	ITOMS		
1st Gauge Feet	Inches	BSS	&W/BBLS Received BS&\	W (%)
2nd Gauge	A VIII		Free Water	men in purished in the
Received			Total Received	
I hereby certify that the above load material has b	een (circle one): ACCEPTED DENIEC	If denied, why?		of called respire
	11/9/7	and a m	Samuel Mar market and	
NAME (PRINT)	DATE	TITLE	SIGNATURE	
C 130	Velley TRANSPORTER CORV	CENEDATOR C	ITE CODY Gold DETURN TO CENT	PATOR Varsion 1
C-138 White - R360 ORIGINAL	Yellow - TRANSPORTER COPY Pin	nk - GENERATOR SI	ITE COPY Gold - RETURN TO GENE	RATOR Version 1

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Page 311 of 456
Company Man Contact Information

Name Phone No.

	GENE	RATOR	NO. 51	20072
	GLINE	College College College	110.	50015
Operator No.		Permit/RRC No. Lease/Well	Gooney	S DUDG THURS
Operators Name	8	Name & No.	ODOUGH	ENGINEER TOWART I
Address 1001 W- WHILLYH	IKE BLVA	County	20.615	46608
906 3 DVZ	TY . OK 73116	API No.	30.013	Jacob Park
City, State, Zip	4291	Rig Name & No.		
Phone No.	4541	AFE/PO No.		The second secon
	ste/Service Identification and Amount (NAME AND ADDRESS OF THE OWNER, TH	
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Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)		roduced Water (Injectable) jathering Line Water/Waste (Injecta	able)
Tank Bottoms	INTERNAL USE ONLY		THER EXEMPT WASTES (type and gen	eration process of the waste)
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)	ma, ——m		- Consession and
WASTE GENERATION PROCESS:	DRILLING COMPL	ETION P	RODUCTION	GATHERING LINES
	NON-EXEMPT E&P Waste/Ser	vice identification and Amoun	t and a second	THE PROPERTY OF
All non-exempt E&P w	raste must be analysed and be below the thre	shold limits for toxicity (TCLP),	Ignitability, Corrosivity and Reactiv	fity.
Non-Exempt Other		*please select from	Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
RCRA EXEMPT:	vation and Recovery Act (RCRA) and the US Enterated from oil and gas exploration and pro			
load basis only) RCRA NON-EXEMPT: Oil field waste wh	ich is non-hazardous that does not exceed the	e minimum standards for wast	e hazardous by characteristics esta	blished in RCRA regulations, 40 CFR
261.21-261.24, or	listed hazardous waste as defined by 40 CFR,	part 261, subpart D, as amend	ded. The following documentation of	demonstrating the waste as non-
hazardous is attac	thed. (Check the appropriate items as provide	AND REAL PROPERTY AND PARTY AND PART	Manager Special Section States	
MSDS Information	RCRA Hazardous Waste Ar	nalysis O	ther (Provide Description Below)	
		I I I I I I Donotonot of D	uhlis Cofety (the order desumental	tion of non-hazardous wasta
I FMERGENLY NON-OILFEILD:	azradous, non-oilfeild waste that has been on d a desciption of the waste must accompany		ublic Safety (the order, documental	ion of non-nazardous waste
Pett Trojing	A CONTRACTOR OF THE PROPERTY O	14.04.99	12 8	
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGNA	TURE
	TRANS	PORTER		The second limited the
Transporter's		Driver's Name		
NameAddress		Print Name		STREET VISION TO THE
	The second second	Phone No.	EUT 468 78	THE REPORT OF THE
Phone No.		Truck No.	/di-	1-1-1-1
hereby certify that the above named material(s) was,	/were picked up at the Generator's site listed	above and delivered without i	ncident to the disposal facility listed	below.
	P.J.	the first the state of		
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY	NAME OF TAXABLE PARTY.	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSA	L FACILITY	RECEIVIN	IG AREA
IN: OUT:			Name/No.	
Site Name/		Phone No.	75 202 4070	
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile M	L GG C ALL A NAGOZOG	3	75-393-1079	- Control Pale
		If VPC was reading	> 50 micro roentgens? (circle one)	YES NO
NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One)	YES NO	NO NO	> 30 micro roenigens: (circle one)	TES INO
PASS THE PAINT PIETEN TESTS (CITCLE OTTE)	TANKB	OTTOMS		
1st Gauge	Inches	BS&W	//BBLS Received	BS&W (%)
2nd Gauge	SAME SAME SAME		Free Water	- Person in Land
Received			Total Received	
I hereby certify that the above load material has be	een (circle one): ACCEPTED DE	NIED If denied, why?	ASSESS TRANS	A STATE OF THE STA
Thereby certify triat the above load material has be		AN AND S	Part Care	
NAME (PRINT)	DATE	TITLE	SIGNA	ATURE
and the state of t				

Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

White - R360 ORIGINAL

C-138

Received by OCD: 9/21/2023 10:15:45 AM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) Name Phone No GENERATOR NO. Permit/RRC No. Operator No. GOUNCH Movo on & GAS Name & No Operators Name Address API No. Rig Name & No City, State, Zip AFE/PO No Phone No Oil Based Mud: Oil Based Cuttings Washout Water (Injectable) Washout Water (Non-Injectable) Completion Fluid/Flow back (Injectable) Water Based Muds Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable) Produced Water (Injectable) Water Based Cuttings Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Tank Bottoms E&P Contaminated Soil Truck Washout (exempt waste) GATHERING LINES PRODUCTION WASTE GENERATION PROCESS DRILLING COMPLETION *please select from Non-Exempt Waste List on back Non-Exempt Other L - LIQUID Y - YARDS E - EACH B - BARRELS QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) MSDS Information RCRA Hazardous Waste Analysis Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazradous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) TRANSPORTER Transporter's Driver's Name Name Print Name Address Phone No Truck No. Phone No I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE RECEIVING AREA TRUCK TIME STAMP Name/No OUT: IN: Site Name/ Phone No. 575-393-1079 Halfway Facility / NM1-006 Permit No. 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Address If YES, was reading > 50 micro roentgens? (circle one) NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO Inches Feet 1st Gauge Free Wate 2nd Gauge

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

ACCEPTED

Total Receive

SIGNATURE

I hereby certify that the above load material has been (circle one):

NAME (PRINT)

Received

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Page 313 of 456
Company Man Contact Information

ROMMENTAL SOLUTIONS	(PLEASE PRINT)	Name TETE IKVIILLO
solutions		Phone No. 432
CONTRACTOR OF THE STATE OF THE STATE OF	GENERATOR	NO. 588879
narator No	Permit/RRC No.	300013
Poster No. Hovo on 1 FAC	Lease/Well	6000(H FC. 0409 214.H
Delators Name	Name & No.	Women FC. UAUA AIA
ddress 1001 W. WILSHIRE BLVP	County	Paga
SNUE 90P	API No.	30 - 015 - 46608
ity, State, Zip OKIAHUMA CITY - OK T	73116 Rig Name & No.	
hone No. (40¢) · 286 - 4391	AFE/PO No.	
	itification and Amount (place volume next to w	
bil Based Muds NON-INJECTABLE Dil Based Cuttings Washout Water		INJECTABLE WATERS Washout Water (Injectable)
	I/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Vater Based Cuttings Produced Water		Produced Water (Injectable)
	/ater/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
ank-Bottoms INTERNAL USE O &P Contaminated Soil Truck Washout (THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	OTHER CARMET WASTES Trybe and generation process of the waste)
Sas Plant Waste		
VASTE GENERATION PROCESS: DRILLING	COMPLETION	PRODUCTION GATHERING LINES
		voot
	ON-EXEMPT E&P Waste/Service Identification and Amo lysed and be below the threshold limits for toxicity (TCI	
on-Exempt Other	piease select fro	om Non-Exempt Waste List on back
UANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
10		
nereby certify that according to the Resource Conservation and Recover	ery Act (RCRA) and the US Environmental Protection Ag	ency's July 1988 regulatory determination, the above described waste
ad is (Check the appropriate classification)		(0000)
RCRA EXEMPT:	and gas exploration and production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a per
load basis only)		
		raste hazardous by characteristics established in RCRA regulations, 40 CFR
hazardous is attached. (Check the a		ended. The following documentation demonstrating the waste as non-
		Other (Broyide Description Below)
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
A SALES OF THE REAL PROPERTY.		
EMERGENCY NON-OILEELLD:		f Public Safety (the order, documentation of non-hazardous waste
determination and a desciption of t	he waste must accompany this form)	Ut
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
	TRANSPORTER	apimo and material
ransporter's Kallab K	Driver's Name	BUEUXI SIMBAZ
ame AMATA		THE POST OF THE PERSON OF THE
ddress CARIS BB	Print Name	7308031607
	Phone No.	
hone No.	Truck No.	91
hereby certify that the above named material(s) was/were picked up at	t the Generator's site listed above and delivered withou	ut incident to the disposal facility listed below.
leteby certify that the above hamed material(s) was viere planed up a	6/27	6-23
SHIPMENT DATE DRIVER'S SIGNATURE	DELIVE	RY DATE DRIVER'S SIGNATURE
	DICHOCAL FACILITY	DECEIVING AREA
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
N:OUT:		Name/No.
ite Name/		
ermit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
ddress 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad,	NM 88220	
		ng > 50 micro roentgens? (circle one) YES NO
NORM READINGS TAKEN? (Circle One) YES		ng > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	VES NO	
经长期的产品的现在分词	TANK BOTTOMS	
Feet	ches	
st Gauge	BSS	&W/BBLS Received BS&W (%)
nd Gauge		Free Water
eceived		Total Received
I hereby certify that the above load material has been (circle one):	ACCEPTED DENIED If denied, why	

White - R360 ORIGINAL

C-138

Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR

SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Page 314 of 456
Company Man Contact Information Phone No. 431)

Operators Name Address Operat
Operators Name Address Octor Synta 200 City, State, Zip Phone No. EXEMPTE SR P Waste (Service Identification and Annount (place volume next to waste type in barrels or cubic yards) OII Based Muds OII Based Cuttings OII Based Muds OII Based Mu
Address County API No. City, State, Zip Phone No. EXEMPT EXP Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) OII Based Murds OII Based Murds Non-InterCARP WATERS OII Based Cuttings Waste Based Cuttings Produced Formation Folicid-Flow back (Injectable) Completion Fluid/Flow back (Non-injectable) Completion Fluid/Flow back (Non-injectable) Completion Fluid/Flow back (Non-injectable) Produced Formation Solids Tank Boatoms EXP Contaminated Soil Sarb-Pint Waste Waste Based Cuttings Produced Tormation Solids Truck Washout (Non-injectable) Truck Washout (Non-in
Phone No. EXEMPT EXP Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Cuttings Oil
EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) OII Based Muds OII Based Cuttings Washout Waster (Injectable) Water Based Cuttings Washout Waster (Injectable) Washout Waster (Injectable) Washout Waster (Injectable) Gathering Line Water (Mon-Injectable) Gathering Line Water (Waste (Injectable) Gathering Line Water (Injectable) Gathering L
EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) OI Based Muds OI Based Cuttings OI Based Cuttings Washbaut Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Produced Water (Injectable) Completion Fluid/Flow back (Injectable) Froduced Water (Injectable) Gathering the Water/Waste (Injectable) Gathering the Water (Injectable) Gathering the Wat
Oil Based Cuttings Washout Water (Non-Injectable) Completion Fluid/Flow back (Injectable) Produced Water (Injectable) Gathering Line Water/Waster (Non-Injectable) Forduced Formation Solids Gathering Line Water/Waster (Non-Injectable) Gathering Line Water/Waster (Non-Injectable) Fuck Washout (Seempt waster) Gas Plant Waster WASTE GENERATION PROCESS: DRILLING NON-EXEMPT E&P Waster/Service Identification and Amount All non-exempt: E&P waster must be analysed and be below the threshold limits for toxicity (TCLP). Ignitability, Corrosivity and Reactivity. Non-Exempt Other *please select from Non-Exempt Waster List on back OUANTITY B - BARRELS L-LIQUID Y - YARDS E - EACH I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waster load is (Check the appropriate classification) RCRA EXEMPT: Oil field waste sepenated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 261,12-161,24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous in Statached. (Check the appropriate than as promoted by the Department of Public Safety (the order, documentation of non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation of non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation of non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. T
Oil Based Cuttings Washout Water (Non-Injectable) Completion Fluid/Flow back (Injectable) Produced Water (Injectable) Gathering Line Water/Waster (Non-Injectable) Forduced Formation Solids Gathering Line Water/Waster (Non-Injectable) Gathering Line Water/Waster (Non-Injectable) Fuck Washout (Seempt waster) Gas Plant Waster WASTE GENERATION PROCESS: DRILLING NON-EXEMPT E&P Waster/Service Identification and Amount All non-exempt: E&P waster must be analysed and be below the threshold limits for toxicity (TCLP). Ignitability, Corrosivity and Reactivity. Non-Exempt Other *please select from Non-Exempt Waster List on back OUANTITY B - BARRELS L-LIQUID Y - YARDS E - EACH I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waster load is (Check the appropriate classification) RCRA EXEMPT: Oil field waste sepenated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 261,12-161,24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous in Statached. (Check the appropriate than as promoted by the Department of Public Safety (the order, documentation of non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation of non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation of non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. T
Water Based Muds Water Based Cuttings Water Based Cuttings Produced Water (Non-Injectable) Produced Formation Solids Fank Bottonia Fank Fank Kottonia Fank Bottonia Fank B
Water Based Cuttings Produced Formation Solids Fank Bottoms EAP Contaminated Soil Sap Pant Waste WASTE GENERATION PROCESS: DRILLING NON-EXEMPT EAP Waste/Sorvice Identification and Amount All non-exempt EAP waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity. Non-Exempt Other *please select from Non-Exempt Waste Ust on back QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH Thereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field waste spentated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILFEILD: Emergency non-hazardous, non-oilfeiid waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form) TRANSPORTER TRANSPORTER
Truck Washout (exempt waste) RAP CONTINUENCESS: DRILLING DRILLING COMPLETION PRODUCTION GATHERING LINES NON-EXEMPT E&P Waste/Service Identification and Amount All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCUP), ignitability, Corrosivity and Reactivity. Non-Exempt Other *please select from Non-Exempt Waste List on back OUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field waste seperated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oil field waste which is non-hazaradous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 25.61.21-62.11.24 or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazardous, non-oilfelid waste what has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form) CRAN SPORTER TRANSPORTER
E&P Contaminated Soil Gas Plant Waste WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES NON-EXEMPT E&P Waste/Service Identification and Amount All non-exempt. E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity. Non-Exempt Other *please select from Non-Exempt Waste List on back QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH Thereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Giffeld waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate litems as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILEELID. Emergency non-hazardous, non-oilfelid waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form) CHARANSPORTER TRANSPORTER
WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES NON-EXEMPT EXP Waste/Service Identification and Amount All non-exempt EXP waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity. Non-Exempt Other *please select from Non-Exempt Waste List on back QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH Thereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) If a RCRA EXEMPT: Oil field waste seperated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILEFILD: Emergency non-hazardous, non-oilfelid waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form) TRANSPORTER TRANSPORTER
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity. *please select from Non-Exempt Waste List on back QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 261:21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILEEILD: Emergency non-hazardous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form) TRANSPORTER
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RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 C 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) EMERGENCY NON-OILFEILD: Emergency non-hazardous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form) TRANSPORTER
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MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazardous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form) (PRINT) AUTHORIZED AGENTS NAME TRANSPORTER
EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form) (PRINT) AUTHORIZED AGENTS NAME TRANSPORTER Transporter's
CEMERGENCY NON-OIL FEILD: determination and a desciption of the waste must accompany this form) CHRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE TRANSPORTER
CEMERGENCY NON-OIL FEILD: determination and a desciption of the waste must accompany this form) CHRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE TRANSPORTER
(PRINT) AUTHORIZED AGENTS NAME DATE TRANSPORTER Transporter's
TRANSPORTER
Tenegodark
Transporterio
Transporter's Driver's Name
Name Print Name
Phone No.
Phone No. Truck No.
I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP DISPOSAL FACILITY RECEIVING AREA
IN: Name/No.
Site Name/ Phone No. 575, 293, 1079
Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-393-1079
Site Name/ Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Site Name/ Permit No. Address Halfway Facility / NM1-006 Fhone No. 575-393-1079 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
Site Name/ Permit No. Address Halfway Facility / NM1-006 Phone No. 575-393-1079
Site Name/ Permit No. Address Halfway Facility / NM1-006 Fhone No. 575-393-1079 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
Site Name/ Permit No.
Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet Inches SS&W/BBLS Received Free Water TANK BOTTOMS Ist Gauge 2nd Gauge Table Pages and Inches I
Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) YES NO TANK BOTTOMS Ist Gauge BS&W/BBLS Received BS&W (%) Free Water
Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet Inches SS&W/BBLS Received Free Water TANK BOTTOMS Ist Gauge 2nd Gauge Table Pages and Inches I
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Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO Standard BS&W/BBLS Received BS&W (%) Feet Inches 1st Gauge 2nd Gauge Received Total Received Total Received

(PLEASE PRINT)

	company i	Vian Conta	ict Informati
Name	, LETE	TRU	JILLO
Phone No.	432)	215 . 5	5452

	GEN	IERATOR	NO. 588898	
Operator No.		Permit/RRC No.	00000	
Operators Name Navo oli 3	GAT	Lease/Well Name & No.	Goonch FC. 0409. 214 H	
Address 1001 W WILSHIR	t BLVO	County	EDDY	
Sv11c 206		API No.	30-015-46608	
City, State, Zip OKLA HOMA CITY .	OK . 73116	Rig Name & No.		
Phone No. 1465 1 . 386 -	4391	AFE/PO No.	MINISTER STATE OF THE STATE OF	
the same of the sa	aste/Service Identification and Amou	int (place volume next to wa		
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)		INJECTABLE WATERS Washout Water (Injectable)	
Water Based Muds	Completion Fluid/Flow back (Non-Inject	able)	Completion Fluid/Flow back (Injectable)	
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)	table)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY	CHARLES CO. CO. CO.	OTHER EXEMPT WASTES (type and generation process of the waste)	
Gas Plant Waste	Truck Washout (exempt waste)			
WASTE GENERATION PROCESS:	DRILLING CO	MPLETION	PRODUCTION GATHERING LINES	
NON-EXEMPT E&P Waste/Service Identification and Amount All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.				
Non-Exempt Other	Wisconstitution of the second	*please select from	m Non-Exempt Waste List on back	
QUANTITY 18	B - BARRELS	L - LIQUID	Y - YARDS E - EACH	
load is (Check the appropriate classification)			ency's July 1988 regulatory determination, the above described waste	
RCRA EXEMPT: Oil field wastes g load basis only)	enerated from oil and gas exploration and	d production operations and are i	not mixed with non-exempt waste (R360 Accepts certifications on a per	
	nich is non-hazardous that does not excee	d the minimum standards for wa	aste hazardous by characteristics established in RCRA regulations, 40 CF	
	r listed hazardous waste as defined by 40 ched. (Check the appropriate items as pro		ended. The following documentation demonstrating the waste as non-	
MSDS Informatio		The second secon	Other (Provide Description Below)	
EMERGENCY NON-OILFEILD: Emergency non-h	nazradous, non-oilfeild waste that has bee	n ordered by the Department of	Public Safety (the order, documentation of non-hazardous waste	
determination ar	nd a desciption of the waste must accompa	any this form)	() X \	
(PRINT) AUTHORIZED AGENTS NAME	10	DATE	SIGNATURE	
	TRAN	SPORTER		
Transporter's		Driver's Name	1030 1001	
Name Address			-LAZARO IDUCAO	
Address OAD SPA	D	Print Name Phone No.	535700 1051	
Phone No.	3	Truck No.	100	
I hereby certify that the above named material(s) was	/were picked up at the Generator's site lis		t incident to the disposal facility listed below.	
24/23/13		04/	27/33	
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVER		
TRUCK TIME STAMP	DISPOS	AL FACILITY	RECEIVING AREA	
IN: OUT:			Name/No.	
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079	
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile M	arker 66 Carlshad, NM 88220		373.333 1073	
NORM READINGS TAKEN? (Circle One)		If YES, was readin	ng > 50 micro roentgens? (circle one) YES NO	
PASS THE PAINT FILTER TEST? (Circle One)		NO		
	TANK	BOTTOMS		
Feet	Inches			
1st Gauge 2nd Gauge		BS&	W/BBLS Received BS&W (%) Free Water	
Received			Total Received	
	The second secon	The state of the s		
I hereby certify that the above load material has be	A section of the sect			
- Jewas	- 1/1/21_	DENIED If denied, why?	XXXIII	
NAME (PRINT)	een (circle one): ACCEPTED	DENIED If denied, why?	SIGNATURE	

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name	PETE	TRUJ	14	0
Phone No.	3217	115 -	53	52

THE STATE OF STREET		GENERATOR	NO.	00001
Operator No.		Permit/RRC No.		88881
Mayo on 1	GAS	Lease/Well	GOUNCH FC.	Auna Diu II
Operators Name Address	E BLVD	Name & No.	f noy	0909 017 17
	66	County API No.	30-015-	- 466 OX
City, State, Zip OKLAHOWA CITY	OK 73116	Rig Name & No.		CONTROL OF STREET
Phone No. (405).286	- 4391	AFE/PO No.	Part Control	
EXEMPT E&P W	/aste/Service Identification and	Amount (place volume next to w	raste type in barrels or cubic var	ris)
Oil Based Muds	NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non		Washout Water (Injectable) Completion Fluid/Flow back (Injectable)	table)
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable)		Produced Water (Injectable)	
Tank Bottoms	Gathering Line Water/Waste (No INTERNAL USE ONLY	n-injectable)	Gathering Line Water/Waste (Inje OTHER EXEMPT WASTES (type and g	
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)		DESCRIPTION OF THE PARTY OF THE	
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHERING LINES
	NON-EXEMPT E&P	Waste/Service Identification and Amo	ount	
		ow the threshold limits for toxicity (TCI		civity.
Non-Exempt Other		*please select fro	om Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
hereby certify that according to the Resource Conse	ervation and Recovery Act (RCRA) an	d the US Environmental Protection Ag	ency's July 1988 regulatory determin	nation, the above described waste
oad is (Check the appropriate classification)				No. of the last of
RCRA EXEMPT: Oil field wastes load basis only)	generated from oil and gas exploration	on and production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a per
	hich is non-hazardous that does not	exceed the minimum standards for w	aste hazardous by characteristics es	tablished in RCRA regulations, 40 CFR
261.21-261.24,	or listed hazardous waste as defined	by 40 CFR, part 261, subpart D, as ame	ended. The following documentation	demonstrating the waste as non-
MSDS Informati	ached. (Check the appropriate items	as provided) s Waste Analysis	Other (Broyide Description Reland	
	in incha hazardoù	s waste Analysis	Other (Provide Description Below)	
EMERGENCY NON-OILFEILD: Emergency non-	hazradous, non-oilfeild waste that h	as been ordered by the Department of	f Public Safety (the order, document	ation of non-hazardous waste
	nd a desciption of the waste must ac		0+1	3
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGN	NATURE
A STATE OF THE STA	TE	RANSPORTER	NAME OF TAXABLE PARTY.	
Fransporter's			KI DE WILL	
Name	The Part State	Driver's Name	17/11/11/12/20	Dr. C. C. Commonday
Address (FIME) FHA		Print Name	700765166	
Phone No.		Phone No. Truck No.	7/1	
hereby certify that the above named material(s) was	/were nicked up at the Generator's		t incident to the disposal facility lists	nd halau
4-27-27	y acte picked up at the Generator 3	site listed above and delivered without	it incluent to the disposal facility liste	o pelow.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVER	RY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISP	OSAL FACILITY	RECEIVI	NG AREA
N: OUT:			Name/No.	
ite Name/		Phone No.		Malestan Pales
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile N	Jarkon GG Carlebad, NAA 99390		575-393-1079	
NORM READINGS TAKEN? (Circle One		IF VCC	2/: 1	
PASS THE PAINT FILTER TEST? (Circle One		NO NO	ng > 50 micro roentgens? (circle one)	YES NO
2	TA	NK BOLLOWS		
Feet	Inches	INK DOTTOMS		
st Gauge	PERSONAL PROPERTY.	BS&	W/BBLS Received	BS&W (%)
and Gauge Received			Free Water Total Received	
		A CLEAN THE REAL PROPERTY.	- Contraction	
I hereby certify that the above load material has b	een (circle one): ACCEPTED	DENIED / If denied, why?	PARTITION OF	
A Particle	11/1	E CYPTER	The state of the s	Jana and San
NAME (PRINT)	DATE	TITLE	SIGN	ATURE
-138 White - R360 ORIGINAL	Yellow - TRANSPORTER C	OPY Pink - GENERATOR CO	TE COPY Gold PETURN TO	O GENERATOR Version 1
THIS HOUSE ON THE	. CHOIL THURST ONTEN C	OLIVERATION SI	TE COLL GOID - VELOVIN IC	AGISION AGISION T

Company Man Contact Info	ormatio

R369	(PLEASE PRINT)	Name 18 TE TRANSILIO
	GENERATOR	NO. 588876
Operator No. Operators Name Address City, State, Zip Phone No.	Permit/RRC No. Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.	5000 CH FC : 0409 (14/4)
Oil Based Muds Oil Based Cuttings Washout Water (No Completion Fluid/F Water Based Muds Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	on-Injectable) low back (Non-Injectable) on-Injectable) er/Waste (Non-Injectable) Y	INJECTABLE WATERS Washout Water (Injectable) Completion Fluid/Flow back (Injectable) Produced Water (Injectable) Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
WASTE GENERATION PROCESS: DRILLING	EXEMPT E&P Waste/Service Identification and Amor	PRODUCTION GATHERING LINES
	ed and be below the threshold limits for toxicity (TCL	
QUANTITY B	- BARRELS L - LIQUID	Y - YARDS E - EACH
hazardous is attached. (Check the app MSDS Information	ropriate items as provided) CRA Hazardous Waste Analysis d waste that has been ordered by the Department of	Other (Provide Description Below) Public Safety (the order, documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME	TRANSPORTER	SIGNATURE
Transporter's Name Address Phone No. I hereby certify that the above named material(s) was/were picked up at the	Driver's Name Print Name Phone No. Truck No.	t incident to the disposal facility listed below.
SHIPMENT DATE DRIVER'S SIGNATURE	DELIVER	
TRUCK TIME STAMP IN:OUT:	DISPOSAL FACILITY	RECEIVING AREA Name/No.
Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NN NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) YES	NO If YES, was readin	575-393-1079 ng > 50 micro roentgens? (circle one) YES NO
	TANK BOTTOMS	
Feet Inche		wW/BBLS Received BS&W (%)

	Tronco
t Gauge	
id Gauge	
ceived	SI LETTER TOTAL STREET

BS&W/BBLS Received	BS&W (%)	
Free Water		
Total Received		

I hereby certify	that the	above load	material	has been	(circle one
	-	PAR	VA		di

DENIED If denied, why?

THINK HARE	IAME (DDINT)	DATE	mme
	THANK	40173	The Lates

C-138

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

SIGNATURE

Received by OCD: 9/21/2023 10:15:45 AM	NEW MEXICO NON-HAZARDOUS OILFIE (PLEASE PRINT)	ELD WASTE MANIFEST Company Man Contact Information Page 318 of 45 Name Phone No.
	GENERATO	
Operator No.	The second secon	rmit/RRC No.
Operators Name · Ylovo ou 3 Gas	Le	ase/Well
	W/n	unty
SVITE JOB		30-05.46608
City, State, Zip OKLAHOMA CITY OK	73 11 6 Rig	z Name & No.
Phone No. 405) 386 5 430	AF.	E/PO No.
		me next to waste type in barrels or cubic yards)
A Maria Caracteria Car	NJECTABLE WATERS out Water (Non-Injectable)	INJECTABLE WATERS Washout Water (Injectable)
Water Based Muds Compl	letion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
	ced Water (Non-Injectable) ring Line Water/Waste (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Tank BottomsINTER	NAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil Truck Gas Plant Waste	Washout (exempt waste)	
WASTE GENERATION PROCESS: DRILLI	ING COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identific	
		for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other		olease select from Non-Exempt Waste List on back
QUANTITY	B - BARRELS L -	LIQUID Y-YARDS E-EACH
	is, non-oilfeild waste that has been ordered by the ciption of the waste must accompany this form)	P Department of Public Safety (the order, documentation of non-hazardous waste
	TRANSPORTE	R
Transporter's Kold Lak	Dri	ver's Name DAFAFI STIATIST
Name Address	Pri	nt Name
Service of the servic		one No.
Phone No.	Tru	ick No.
I hereby certify that the above named material(s) was/were pi	cked up at the Generator's site listed above and d	elivered without incident to the disposal facility listed below.
4-27-13		4-27-25
	S SIGNATURE	DELIVERY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACI	RECEIVING AREA
IN:OUT:		Name/No.
Site Name/ Permit No. Halfway Facility / NM1-006	Pho	one No. 575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66	Carlsbad, NM 88220	
NORM READINGS TAKEN? (Circle One)	YES NO If	YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	
	TANK BOTTON	VIS
Feet Feet	Inches	BS&W/BBLS Received BS&W (%)
1st Gauge 2nd Gauge		BS&W/BBLS Received BS&W (%) Free Water
Received		Total Received
I hereby certify that the above load material has been (circl	12 133 004	If denied, why?
NAME (PRINT)	DATE TITLE	SIGNATURE
C-138 White - R360 ORIGINAL Yello	ow - TRANSPORTER COPY Pink - GEN	NERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

SERVICE CONTRACTOR OF THE	GENERATOR	No. 588874
ator No.	Permit/RRC No.	S. S. D. Swell Dr. III.
Novo on & FAS	Lease/Well Name & No.	Econth ft. 0404 114 4
ators Name	County	£009
ess 5416 306	API No.	30.015.466.08
State 7in OKCAHOMA CITY OK 7311	Rig Name & No.	
405 - 20C - 4391	AFE/PO No.	
e No.	fication and Amount (place volume next to w	aste type in barrels or cubic yards)
Based Muds NON-INJECTABLE V	VATERS	INJECTABLE WATERS
Raced Cuttings Washout Water (N	on-Injectable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
er Based Muds Completion Fluid/F	low back (Non-Injectable)	Produced Water (Injectable)
ter Based Cuttings Produced Water (Note that the Based Cuttings Gathering Line Water (Note that the Based Cuttings Gathering	ter/Waste (Non-injectable)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
k Bottoms INTERNAL USE ON	Y	OTHER TAEMY I WASTES Type and generation process of the wood.
Contaminated Soil Truck Washout (ex	empt waste)	
Plant Waste STE GENERATION PROCESS: DRILLING	COMPLETION	PRODUCTION GATHERING LINES
NO	N-EXEMPT E&P Waste/Service Identification and Am	ount
All non-exempt E&P waste must be analy	sed and be below the threshold limits for toxicity (TC	CLP), Ignitability, Corrosivity and Reactivity.
-Exempt Other	*please select fi	rom Non-Exempt Waste List on back
10/	B - BARRELS L - LIQUID	Y - YARDS E - EACH
		gency's July 1988 regulatory determination, the above described waste
Oil field wastes generated from oil ar	nd gas exploration and production operations and ar	e not mixed with non-exempt waste (R360 Accepts certifications on a pe
RCRA EXEMPT:		
RCRA NON-EXEMPT: Oil field waste which is non-hazardou	us that does not exceed the minimum standards for	waste hazardous by characteristics established in RCRA regulations, 40 Cl
261.21-261.24, or listed hazardous w hazardous is attached. (Check the ap	aste as defined by 40 CFR, part 261, subpart D, as an	mended. The following documentation demonstrating the waste as non-
hazardous is altached. ICheck the ap	propriate items as provided	
		Other (Provide Description Below)
MSDS Information	RCRA Hazardous Waste Analysis eild waste that has been ordered by the Department	Other (Provide Description Below) of Public Safety (the order, documentation of non-hazardous waste
MSDS Information Fmergency non-hazradous, non-oilfe	RCRA Hazardous Waste Analysis eild waste that has been ordered by the Department	
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· EXEMPT E&P Wa	aste/Service Identification and Amount (p	lace volume next to	waste type in barrels or cubic yards)
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ater Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)		Washout Water (Injectable)
ater Based Cuttings oduced Formation Solids	Produced Water (Non-Injectable)	12/1	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)
nk Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY		Gathering Line Water/Waste (Injectable)
P Contaminated Soil	Truck Washout (exempt waste)		OTHER EXEMPT WASTES (type and generation process of the waste)
s Plant Waste ASTE GENERATION PROCESS:			The same with the same of the
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		*please select fi	rom Non-Exempt Waste List on back
NTITY	B - BARRELS	L - LIQUID	Y-YARDS E-EACH
eby certify that according to the Resource Conserv	vation and Recovery Act (RCRA) and the US Envi	ironmental Protection A	gency's July 1988 regulatory determination, the above described wa
appropriate stabilities (OII)			
RCRA EXEMPT: Oil field wastes ge load basis only)	enerated from oil and gas exploration and produ	ction operations and are	e not mixed with non-exempt waste (R360 Accepts certifications on
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Received by OCD: 9/21/2023 10:15:45 AMEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Man Co Rage 321 of 456 (PLEASE PRINT) Name Phone No. NO. Permit/RRC No. Operator No Lease/Well 10VU OLL Name & No Operators Name MILCHIN Address API No. Rig Name & No. City, State, Zip Phone No te type in barrels or cubic yards) Service Identification and Amount (p) Oil Based Muds Oil Based Cuttings Washout Water (Non-Injectable Completion Fluid/Flow back (Injectable) Water Based Muds Completion Fluid/Flow back (Non-Injectable) Produced Water (Injectable) Produced Water (Non-Injectable) Water Based Cuttings Gathering Line Water/Waste (Injectable **Produced Formation Solids** Gathering Line Water/Waste (Non-Injectable Tank Bottoms F&P Contaminated Soil Truck Washout (exempt waste) Gas Plant Waste **GATHERING LINES** PRODUCTION WASTE GENERATION PROCESS DRILLING *please select from Non-Exempt Waste List on back Non-Exempt Othe E - EACH B - BARRELS L - LIQUID Y - YARDS QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, suppart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste **EMERGENCY NON-OILFEILD:** determination and a desciption of the waste must accompany this form) SIGNATURE TRANSPORTER Transporter's Driver's Name Name Print Name Address Phone No. Truck No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DRIVER'S SIGNATURE SHIPMENT DATE RECEIVING AREA DISPOSAL TRUCK TIME STAMP Name/No IN: OUT: Site Name Phone No. 575-393-1079 Halfway Facility / NM1-006 Permit No Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 If YES, was reading > 50 micro roentgens? (circle one) YES NO NORM READINGS TAKEN? (Circle One) YES NO YES NO PASS THE PAINT FILTER TEST? (Circle One) BS&W/BBLS Received BS&W (%) 1st Gauge Free Wate 2nd Gauge Received I hereby certify that the above load material has been (circle one): DENIED If denied, why? SIGNATURE NAME (PRINT) Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY

P	age	e 3	22	of	45	6

(PLEASE PRINT)

Company	Man			mation
NameFT	EI	RV31	10	1

SOLUTIONS	THE RESERVE	Phone No. (Ling) (1975)
	GENERATOR	NO. 631953
Operator No.	Permit/RRC No.	031303
Operators Name Mayo of 1 5 p.s	Lease/Well Name & No.	BOOMEN TE 0409 214 11
Address WILSHIAT BLV		FDDY
SVITE 2016	API No.	30 - 015 - 46608
City, State, Zip OKLAHOMA CITY OK	73116 Rig Name & No.	
Phone No. (407) 286-439	AFE/PO No.	
EXEMPT E&P Waste/Service	Identification and Amount (place volume next to wa	aste type in barrels or cubic yards)
Oil Based Muds NON-INJECT	TABLE WATERS	INJECTABLE WATERS
	ater (Non-Injectable) Fluid/Flow back (Non-Injectable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
	/ater (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids Gathering Li Tank Bottoms INTERNAL U	ine Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
	out (exempt waste)	TO THE A EXCESSION TO WAS LESS (type and generation process of the waste)
Gas Plant Waste		
WASTE GENERATION PROCESS: DRILLING	COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and Amo	
	analysed and be below the threshold limits for toxicity (TCL	
Non-Exempt Other	*please select fro	m Non-Exempt Waste List on back
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
hereby certify that according to the Resource Conservation and Re	ecovery Act (RCRA) and the US Environmental Protection Age	ency's July 1988 regulatory determination, the above described waste
oad is (Check the appropriate classification)		mente juri ali ni calibrationi e male con
I RURA EXEMPT:	n oil and gas exploration and production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a p
load basis only)	for the party of t	and the second of the second o
		aste hazardous by characteristics established in RCRA regulations, 40 Cended. The following documentation demonstrating the waste as non-
	the appropriate items as provided)	
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
	Y'''	
I FIVIERGENCY NON-OHEFHID:	n-oilfeild waste that has been ordered by the Department of n of the waste must accompany this form)	Public Safety (the order, documentation of non-hazardous waste
PETE TRUITIO	141-04-08	The state of the s
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
	TRANSPORTER	The second of th
ransporter's	Driver's Name	
address	Print Name	APZARO LOMEDO
Fundada	Phone No.	15 3 - 3
hone No.	Truck No.	SIS 200 2051
hereby certify that the above named material(s) was/were picked		t incident to the disposal facility listed helow
Hereby tertify that the above hamed materials) was were picked	up at the deficiator's site listed above and delivered without	t incluent to the disposal facility listed below.
SHIPMENT DATE DRIVER'S SIGNA	TURE DELIVES	RY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
N: OUT:		Name/No.
Site Name/		rume/no.
Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carls	bad, NM 88220	
NORM READINGS TAKEN? (Circle One) YES	NO If YES, was readin	ng > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	A State of the sta
	TANK BOTTOMS	The property of the property of the party of
Feet	Inches	The same of the same of the same
1st Gauge		W/BBLS Received BS&W (%)
2nd Gauge	STATE OF THE PARTY	Free Water Total Received
Received		Total Received
I hereby certify that the above load material has been (circle one	e): ACCEPTED DENIED If denied, why?	golden market balancy a
LA CO	71 177	/ with the second larger con
NAME (PRINT)	DATE TITLE	SIGNATURE

	Page 3	323 of	4.
any Man	Contact in	formatio	H

R360	NEW MEXICO	(PLEASE PRIN		Name	TRUIL O
SOLUTIONS		GENERAL .	OB	Phone No.	7) 215 3152
		GENERAT	OR	No. 631	959
Operator No.	/	The state of the s	Permit/RRC No. Lease/Well	A CALL	00/00/
Operators Name	SAC	The Park of the Land	Name & No.	600ma+ 10.0	3409 214 11
Address <u>JOGI W. WI</u>	SHIRE BLUD		County	tony	46608
Sunt.	CITY OK 73116	and plants but to	API No. Rig Name & No.	10 - 11 S	75005
City, State, Zip Phone No.	286 4391		AFE/PO No.	Maria	
	&P Waste/Service Identificati	ion and Amount (place	volume next to v	vaste type in barrels or cubic yards)	
Oil Based Muds	NON-INJECTABLE WATER	RS	a grand	INJECTABLE WATERS	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Inj Completion Fluid/Flow b		Tr.	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)	e)
Water Based Cuttings Produced Formation Solids	Produced Water (Non-In Gathering Line Water/W		1	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	ole)
Tank Bottoms	INTERNAL USE ONLY			OTHER EXEMPT WASTES (type and gene	
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt	waste)	1		TENESTINE STORY
WASTE GENERATION PROCESS:	DRILLING	COMPLETION		PRODUCTION G	ATHERING LINES
All non-eyeme		MPT E&P Waste/Service Ide		nount CLP), Ignitability, Corrosivity and Reactivit	y.
Non-Exempt Other	LEXT Waste must be analysed an	a de delow the threshold h	The second secon	rom Non-Exempt Waste List on back	EL LIBERT
QUANTITY 15/	B - BAF	RRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource			nental Protection A	agency's July 1988 regulatory determinati	on, the above described waste
load is (Check the appropriate classification)				in the state of the state of	
RCRA EXEMPT: Oil field wa		exploration and production	operations and ar	e not mixed with non-exempt waste (R36	ou Accepts certifications on a pe
RCRA NON-EXEMPT: Oil field w	aste which is non-hazardous that	does not exceed the minin	num standards for	waste hazardous by characteristics estab	lished in RCRA regulations, 40 C
	1.24, or listed hazardous waste as is attached. (Check the appropria		61, subpart D, as ar	mended. The following documentation de	monstrating the waste as non-
MSDS Info		Hazardous Waste Analysis		Other (Provide Description Below)	
				of Public Safety (the order, documentation	on of non-hazardous waste
Pete Terrina	ation and a desciption of the wast	te must accompany this for	in the sales	Let.	Van de la company
(PRINT) AUTHORIZED AGENTS NAME			DATE	SIGNATI	JRE
THE STREET WAS A STREET OF THE STREET	agricul scalum -	TRANSPOR	RTER	R. State State	Control of the last of the las
Transporter's			Driver's Name	RIFAL SOOK	Z
NameAddress			Print Name	the william	
The state of the beauty of		A the control of	Phone No.	/	" awith the late
Phone No.	ALL STREET		Truck No.	91	and the base of the second
I hereby certify that the above named material	(s) was/were picked up at the Ge	enerator's site listed above	and delivered with	out incident to the disposal facility listed	below.
SHIPMENT DATE	DRIVER'S SIGNATURE		DEH DEH	VERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STA		DISPOSAL FA	CILITY	RECEIVIN	G AREA
IN: OUT:		2101 0011211		Name/No.	
Site Name/		The state of the s	Dhana Na	A	×
Permit No. Halfway Facility / NM1-006			Phone No.	575-393-1079	A STATE OF THE PARTY OF THE PAR
The state of the s	Mile Marker 66 Carlsbad, NM 88		If VEC was roa	ding > 50 micro roentgens? (circle one)	YES NO
NORM READINGS TAKEN? (Circ PASS THE PAINT FILTER TEST? (Circ		NO	NO NO	unig > 30 micro roentgens: (circle one)	
		TANK BOTT	OMS	ALCOHOLD STATE	te dans to the second
Feet	Inches			COM/DDIC Dogging d	DCS/M/(0/)
1st Gauge 2nd Gauge		A STATE OF THE PARTY OF THE PAR	В	S&W/BBLS Received Free Water	BS&W (%)
Received		Salara S		Total Received	-
I have by court for that the above load materia	al has been (circle one)	CCEPTED DENIED	If denied, wh	v?	n and a later to
I hereby certify that the above load materia	in has been (circle one).		1)	I FAM	por minimo

C-138

NAME (PRINT)

DATE

TITLE

White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

Received by OCD: 9/21/2023 10:15:45 AM		Page 324 oj
R369	CO NON-HAZARDOUS OILFIELD WASTE N (PLEASE PRINT)	MANIFEST Company Man Contact Information Name
	GENERATOR	NO. C210E2
	Contract of the Contract of th	631952
Operator No.	Permit/RRC No. Lease/Well	The second country to
Operators Name Naw out 3 GAS.	Name & No.	bonch to eyey and it
Address 1001 W. WHISHIRE BLYD	County	E009
SVITE 206	API No.	30 - 015 - 116848
City, State, Zip OKLAHOMA CITY OK 731	Rig Name & No.	A STATE OF THE SECTION AND ADDRESS OF THE SECTION AS A STATE OF THE SE
Phone No. 405) 286 - 4391	AFE/PO No.	16 de 190 70 10 10 10 10 10 10 10 10 10 10 10 10 10
EXEMPT E&P Waste/Service Identi	fication and Amount (place volume next to wa	aste type in barrels or cubic yards)
Oil Based Muds NON-INJECTABLE V Washout Water (N		INJECTABLE WATERS Washout Water (Injectable)
	low back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings Produced Water (N	Ion-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Produced Formation Solids Gathering Line Wat Tank Bottoms INTERNAL USE ONI	ter/Waste (Non-Injectable) Y	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil Truck Washout (ex		The state of the second
Gas Plant Waste	COMPLETION	PRODUCTION GATHERING LINES
WASTE GENERATION PROCESS: DRILLING		
NON	N-EXEMPT E&P Waste/Service Identification and Amo sed and be below the threshold limits for toxicity (TC	ount LP), Ignitability, Corrosivity and Reactivity.
	*please select fr	om Non-Exempt Waste List on back
Non-Exempt Other	William To The Control of the Contro	
QUANTIT	3 - BARRELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conservation and Recovery	Act (RCRA) and the US Environmental Protection Ag	gency's July 1988 regulatory determination, the above described waste
1 11 (c) 1 11 siste elessification)		e not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: Oil field wastes generated from oil an load basis only)	d gas exploration and production operations and are	The state of the s
in a state of the transfer	is that does not exceed the minimum standards for v	waste hazardous by characteristics established in RCRA regulations, 40 CF
261.21-261.24, or listed hazardous w	aste as defined by 40 CFR, part 261, subpart D, as an	nended. The following documentation demonstrating the waste as non-
hazardous is attached. (Check the ap	The state of the s	Other (Provide Description Below)
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Delow)
The state of the s	and the base and and by the Department	of Public Safety (the order, documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfe determination and a desciption of the	e waste must accompany this form)	1.5
Desc Taylord	04. 24 - 33	PART
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
· · · · · · · · · · · · · · · · · · ·	TRANSPORTER	and the second
Transporter's	Driver's Name	1 /
Name KONULA	Town the second	THEAD LOREISO
Address	Print Name	2 - 2 - 2 - 2 - 2
CHIZISONU	Phone No.	515 200 2050
Phone No.	Truck No.	aut incident to the disposal facility listed below
I hereby certify that the above named material(s) was/were picked up at	the Generator's site listed above and delivered with	out including to the disposariacincy listed below.
CHIDMENT DATE DRIVER'S SIGNATURE	OCI/S	IVERY DATE DRIVER'S SIGNATURE
SHIPMENT DATE	DISPOSAL FACILITY	RECEIVING AREA
TRUCK TIME STAMP	DISPOSAL PACIEITI	Name/No.
IN: OUT:		Ivalite/1vo.
Site Name/	Phone No.	575-393-1079
Permit No. Halfway Facility / NM1-006	The same of the sa	

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsba NO If YES, was reading > 50 micro roentgens? (circle one) YES NO NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One) Inches Feet BS&W (%) BS&W/BBLS Received 1st Gauge Free Water 2nd Gauge Total Received Received If denied, why? DENIED I hereby certify that the above load material has been (circle one): ACCEPTED

White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR

Released to Imaging: 3/11/2024 1:57:55 PM

C-138

Version 1

Received by OCD: 9/21/2023 10	:15:45 AM W MEXICO NON-HAZA	ARDOUS OILFIELD WASTE I	MANIFEST Company Man Copage 323 374
SOLUTIONS		- Jessey	Phone No. (482)
	GE	NERATOR	NO. C210EA
Operator No.		Permit/RRC No.	031334
	1 / 1	Lease/Well	The second of th
Operators Name		Name & No.	6000CH 1C 0404 214 H
Address	ISHIFE BLUD	County	E20Y
SVITE	206	API No.	30.015.46608
City, State, Zip OKLAHOOA	111 - QK 73116	Rig Name & No.	
Phone No. (405)	361 - 4391	AFE/PO No.	The second secon
			and the factor of the state of
	P Waste/Service Identification and Am	ount (place volume next to w	INJECTABLE WATERS
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)		Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Inju	ectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)		Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-In	jectable)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms E&P Contaminated Soil	Truck Washout (exempt waste)	TANKS BUILDING	OTHER EXELVIT I WASTES (type and generation process of the waste)
Gas Plant Waste	Truck washout (exempt waste)		
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION GATHERING LINES
All your division of	NON-EXEMPT E&P Wa E&P waste must be analysed and be below t	ste/Service Identification and Amo	
	Lor waste must be analysed and be below t		om Non-Exempt Waste List on back
Non-Exempt Other		piease select fro	om Non-exempt waste list on back
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS E - EACH
	Concernation and Recovery Act (PCPA) and the	ne LIS Environmental Protection As	gency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)	conservation and Recovery Act (RCRA) and the	le 03 Environmental Protection Ag	gency 3 July 1300 regulatory determination, the disorte described waste
	stes generated from oil and gas exploration	and production operations and are	e not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis		and production operations and are	
		ceed the minimum standards for v	vaste hazardous by characteristics established in RCRA regulations, 40 CFR
RCRA NON-EXEMPT: Oil field w.	24. or listed hazardous waste as defined by	40 CFR, part 261, subpart D, as am	nended. The following documentation demonstrating the waste as non-
	is attached. (Check the appropriate items as		
MSDS Info	1-		Other (Provide Description Below)
DELL'AND STREET, STREE	And the second s	J. J. al- Boombook	f Dublic Cafety (the order decompositation of non hazardous warte
	tion and a desciption of the waste must according		of Public Safety (the order, documentation of non-hazardous waste
determine	ion and a description of the waste must deed	- classes	Saliena deally in
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGNATURE
	TD/	ANSPORTER	
	INF	MOPONIEN	
Transporter's		Driver's Name	LAMBOR LABERA
Name		Print Name	A COURSE LONG TO THE STATE OF T
Address			
CARIST	0	Phone No.	535-200-2031
Phone No.	2052	Truck No.	CG Indiana
I hereby certify that the above named material	s) was/were picked up at the Generator's sit	e listed above and delivered witho	ut incident to the disposal facility listed below.
All-al-	11	Au/	38/33 2000
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIV	PERY DATE DRIVER'S SIGNATURE
TRUCK TIME STA	MP DISPO	SAL FACILITY	RECEIVING AREA
The state of the s	DISPO	JAL FACILITY	The second secon
IN:OUT:	AND CONTRACTOR OF THE PARTY OF		Name/No.
Site Name/		Dhone No	
Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180	Mile Marker 66 Carlsbad, NM 88220		
NORM READINGS TAKEN? (Circ		If YES, was read	ling > 50 micro roentgens? (circle one) YES NO
		NO NO	Section of the sectio
PASS THE PAINT FILTER TEST? (Circ	le One) YES		The Late of the La
	TAN	IK BOTTOMS	
Feet	Inches	Carrier of Carlot	
1st Gauge	The state of the s	BS	S&W/BBLS Received BS&W (%)
2nd Gauge		ME PHOTO PERSON	Free Water Total Received
Received			Total Received
The section of the se	has been (sirele and).	DENIED If denied why	2
I hereby certify that the above load materia	I has been (circle one): ACCEPTED	DENIED If denied, why	R
I hereby certify that the above load materia	has been (circle one): ACCEPTED	DENIED If denied, why	September 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
I hereby certify that the above load materia	l has been (circle one): ACCEPTED DATE	DENIED If denied, why	
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Company	Man		Informati	
	-	Dieter		

	GENERATOR	No. 588883
Operator No.	Permit/RRC No.	
Operators Name Move on 1 GAS	Lease/Well	600 ACH TC 0409 214 11
TOOL W. WILLY TO THE	Name & No.	7 6004
Address SynE 206	County	30.015.46608
Chi Chata Tia OKINHUMA CITY OK 731	API No.	30 00
Liof V Asia Wag	Rig Name & No.	Water Bridge Bridge
Phone No. 40x 1 .7 60 4 711	AFE/PO No.	
EXEMPT E&P Waste/Service Iden	dification and Amount (place volume next to wa	
Oil Based Muds NON-INJECTABLE		INJECTABLE WATERS
Oil Based Cuttings Washout Water (Completion Fluid	Non-injectable) /Flow back (Non-injectable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
Water Based Cuttings Produced Water	(Non-Injectable)	Produced Water (Injectable)
	(ater/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms INTERNAL USE OF E&P Contaminated Soil Truck Washout (6		OTHER EXEMPT WASTES (type and generation process of the waste)
Gas Plant Waste		
WASTE GENERATION PROCESS: DRILLING	COMPLETION	PRODUCTION GATHERING LINES
NC	ON-EXEMPT E&P Waste/Service Identification and Amor	unt
	ysed and be below the threshold limits for toxicity (TCL	
Non-Exempt Other	*please select fro	m Non-Exempt Waste List on back
16		
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
hereby certify that according to the Resource Conservation and Recove	ry Act (RCRA) and the US Environmental Protection Age	ency's July 1988 regulatory determination, the above described waste
oad is (Check the appropriate classification)		
I RCRA EXEMPT:	nd gas exploration and production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a per
load basis only)		AND THE RESERVE OF THE PARTY OF
		aste hazardous by characteristics established in RCRA regulations, 40 CFR anded. The following documentation demonstrating the waste as non-
hazardous is attached. (Check the ag		anded. The following documentation demonstrating the waste as non-
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
Emergency non-hazradous non-cilfa	eild waste that has been ordered by the Department of	Public Safety (the order, documentation of non-hazardous waste
	ne waste must accompany this form)	
tele vo,illa	14-27-23	0 29 9 11
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
	TRANSPORTER	
Transporter's KOALA K	Driver's Name	1120 DO TOULA
Vame		THE RU TOTALLO
Address	Print Name	= 200 2063
CHRODAD	Phone No.	575 0000007
Phone No.	Truck No.	00
hereby certify that the above named material(s) was/were picked up at	the Generator's site listed above and delivered withou	t incident to the disposal facility listed below.
01/21/23	04/0	1/03
SHIPMENT DATE DRIVER'S SIGNATURE	DELIVER	
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:		Name/No.
Site Name/		
Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad,	NM 88220	
NORM READINGS TAKEN? (Circle One) YES	A	ng > 50 micro roentgens? (circle one) YES NO
	ES NO	
The thirt result force one)		
THE PROPERTY OF THE PARTY OF TH	TANK BOTTOMS	
	thes BS8	W/BBLS Received BS&W (%)
1st Gauge 2nd Gauge	Box	Free Water BS&W (%)
Received		Total Received
As A second second second second		
I hereby certify that the above load material has been (circle one):	ACCEPTED DENIED If denied, why?	1
K-IIII (H	14(1)	
NAME (PRINT)		SIGNATURE
	ATE TITLE	SIGNATURE
	TITLE	SIGNATURE

Company Man Contact Information 456 Received by OCD: 9/21/2023 10:15:45 AM (PLEASE PRINT) Name Phone No. GENERATOR NO Operator No. Permit/RRC No Lease/Well DIL P GAS Operators Name GOONEH TO 214 11 Name & No NO PERMIS W. WILSHIP BLVD Address SVITE 206 API No. OKLAHOMA ETT City, State, Zip Rig Name & No Phone No. AFE/PO No. volume next to waste type in barrels or cubic yards) Oil Based Muds Oil Based Cuttings Water Based Muds Completion Fluid/Flow back (Non-Injectable) Completion Fluid/Flow back (Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Water (Injectable) Produced Formation Solids Sathering Line Water/Waste (Injectable E&P Contaminated Soil Truck Washout (exempt waste) Gas Plant Waste WASTE GENERATION PROCESS DRILLING COMPLETION **PRODUCTION GATHERING LINES** Non-Exempt Other *please select from Non-Exempt Waste List on hack QUANTITY B - BARRELS L-LIQUID Y - YARDS I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste **EMERGENCY NON-OILFEILD:** determination and a desciption of the waste must accompany this form) TRANSPORTER Transporter's Driver's Name Name Address **Print Name** Phone No Phone No Truck No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATURE DRIVER'S SIGNATURE TRUCK TIME STAMP DISPOSAL FACILITY RECEIVING AREA IN: OUT: Name/No. Site Name/ Halfway Facility / NM1-006 Phone No. Permit No. 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) NO If YES, was reading > 50 micro roentgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One Feet 1st Gauge 2nd Gauge Free Wate Received I hereby certify that the above load material has been (circle one): ACCEPTED If denied, why? NAME (PRINT) SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Received by OCD: 9/21/2023 10:15:4	5 AM EW MEXICO NON-HAZARDOUS (PLEASE PR			npany Man Chage 328 of 450
SOLUTIONS	(FELASE FIX	int)	Name Phone No.	31) 215 1 54 52
	GENERA'	TOR	The state of the s	38900
Operator No.		Permit/RRC No.		30300 mm
Operators Name		Lease/Well Name & No.	Boonly FC. OL	109 214 H
Address	SHIPE BLUD	County	(009	CONTRACTOR OF THE PARTY OF THE
City, State, Zip	CK 73116	API No.	30 = 015 -	46608
Phone No.		Rig Name & No.		
A STATE OF THE PARTY OF THE PAR	to /S priving later his and a second	AFE/PO Ne		
Sir Bused Midds	te/Service Identification and Amount (place	volume next to w	aste type in barrels or cubic yards) INJECTABLE WATERS	
	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)		Washout Water (Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)		Completion Fluid/Flow back (Injectab Produced Water (Injectable)	le)
Tank Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY		Gathering Line Water/Waste (Injectal OTHER EXEMPT WASTES (type and gene	
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)		the author sales and the sales	
WASTE GENERATION PROCESS:	DRILLING COMPLETION	N 🗍	PRODUCTION G	SATHERING LINES
CHARLES CONTRACTOR	NON-EXEMPT E&P Waste/Service Id	lentification and Amo	unt	
All non-exempt E&P wa Non-Exempt Other	iste must be analysed and be below the threshold l	limits for toxicity (TCL	P), Ignitability, Corrosivity and Reactivit	γ.
		*please select fro	m Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conserval load is (Check the appropriate classification)	tion and Recovery Act (RCRA) and the US Environr	mental Protection Age	ency's July 1988 regulatory determination	on, the above described waste
is a is (effect the appropriate classification)	erated from oil and gas exploration and production			
		STATE OF THE PARTY		
RCRA NON-EXEMPT: Oil field waste which	h is non-hazardous that does not exceed the minin	num standards for wa	ste hazardous by characteristics establi	ished in RCRA regulations, 40 CFR
hazardous is attache	sted hazardous waste as defined by 40 CFR, part 26 ed. (Check the appropriate items as provided)	or, subpart D, as ame	nded. The following documentation de	monstrating the waste as non-
MSDS Information	RCRA Hazardous Waste Analysis		Other (Provide Description Below)	Strain Strain
Emorganes near hou				
EMERGENCY NON-OILFEILD: determination and a	radous, non-oilfeild waste that has been ordered b a desciption of the waste must accompany this form	y the Department of m)	Public Safety (the order, documentatio	n of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME	- c/-	27:23	LX.	
	TRANSPOR	DATE	SIGNATUR	RE
Transporter's	TRANSPOR	RIER	9	Company The
Name		Driver's Name	Fruit College	
Address		Print Name		THE RESERVE
Phone No.		Phone No.		
I hereby certify that the above named material(s) was/we	ere picked up at the Generator's site listed above a	Truck No.	Sales and the sa	707 C 40 2
	ap at the deficitor 5 site listed above a	nd delivered without	incident to the disposal facility listed be	elow.
	RIVER'S SIGNATURE	DELIVERY	DATE	NIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FA	CILITY	RECEIVING	AREA
IN:OUT:			Name/No.	
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	375-393-1079	
Address 6601 Hobbs Hwy US 62/180 Mile Marke	er 66 Carlsbad, NM 88220	-		
NORM READINGS TAKEN? (Circle One)	YES NO	If YES, was reading	> 50 micro roentgens? (circle one)	YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES	NO		
	TANK BOTT	OMS		Party and a second
Lst Gauge Feet	Inches	RCPIA	I/BBLS Received	DC 9 M (n/)
2nd Gauge		BS&V	Free Water	BS&W (%)
Received			Total Received	1
I hereby certify that the above load material has been ((circle one): ACCEPTED DENIED	If denied, why?	A PART OF THE	
Will the	(1) 1 4	1/1	Y HA	
NAME (PRINT)	DATE	TITLE	SIGNATURE	

360 eccived by OCD: 9/21/2023 10:15:4	AM (PLEASE PRINT)	Name Phone No. Page 329
ouriens O	GENERATOR	NO. 631949
	Permit/RRC No.	031343
erator No.	Lease/Well	FORCH FC 0464 21411
erators Name \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Name & No.	O SALETY OF THE PROPERTY OF STREET
ress 1001 W. Withinst	BLVO	70301 - 710-05
306 SATT C.	API No.	All the second s
, State, Zip GREAMBAR CITY	Rig Name & No.	The second control of
ne No	AFE/PO No.	1. 1
EXEMPT E&P Wa	e/Service Identification and Amount (place volume next to w	Vaste type in barrels of cubic yards) Timiectable Waters
Based Muds	ON-INJECTABLE WATERS Vashout-Water (Non-Injectable)	Washout Water (Injectable)
Based Cuttings ter Based Muds	ompletion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
ter Based Cuttings	roduced Water (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
duced Formation Solids	athering Line Water/Waste (Non-Injectable)	OTHER EXEMPT WASTES (type and generation process of the waste)
k BottomsP Contaminated Soil	ruck Washout (exempt waste)	The state of the s
s Plant Waste	COMPLETION .	PRODUCTION GATHERING LINES
ASTE GENERATION PROCESS:	RILLING COMPLETION	
	NON-EXEMPT E&P Waste/Service Identification and Am	nount
All non-exempt E&P v	ste must be analysed and be below the threshold limits for toxicity (T	from Non-Exempt Waste List on back
n-Exempt Other	*please select)	TOTAL NOT-EXEMPT Waste Else on Sauth
ANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
ANTITY	A + (DCDA) and the US Environmental Protection	Agency's July 1988 regulatory determination, the above described waste
d is (Check the appropriate classification)	it and are employed on and production operations and a	re not mixed with non-exempt waste (R360 Accepts certifications on a p
	erated from oil and gas exploration and production operations and d	en altreatur la revinum apaigning in the est origin
load basis offly)	b is non-bazardous that does not exceed the minimum standards for	waste hazardous by characteristics established in RCRA regulations, 40 (
RCRA NON-EXEMPT: Oil field waste w	isted hazardous waste as defined by 40 CFR, part 261, subpart D, as a	mended. The following documentation demonstrating the waste as non-
hazardous is atta	ned. (Check the appropriate items as provided)	
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
		THE RESERVE OF THE PARTY OF THE
Emergency non-	zradous, non-oilfeild waste that has been ordered by the Departmen	t of Public Safety (the order, documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: determination a	a desciption of the waste must accompany this form)	
Per Tannilo	DATE	SIGNATURE
(PRINT) AUTHORIZED AGENTS NAME		The second secon
West - Bit 2008 of the Confidence State of Manual Confidence of the Confidence of th	TRANSPORTER	
ansporter's	Driver's Name	KARIAFT ZONFOE
ame Zillizz / O. I.	Print Name	7568631667
ddress	Phone No.	Annual last
No. and the last of the last o		The same of the sa
hone No.	Truck No.	The other listed below
hereby certify that the above named material(s) wa	were picked up at the Generator's site listed above and delivered wit	thout incident to the disposal facility listed below.
y - 20 - 22	7	DRIVERIS SIGNATURE
SHIPMENT DATE	DRIVER'S SIGNATURE	RECEIVING AREA
TRUCK TIME STAM	DISPOSAL FACILITY	
OUT	- Personnel A	Name/No.
	A Strange of the last	XX ·
ite Name/ Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile	arker 66 Carlsbad, NM 88220	
NORM READINGS TAKEN? (Circle Or	IF VEC WAS E	eading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle Or	TANK BOTTOMS	Melesia - in the second of
The state of the s	TAINITOTIO	Column to the state of the stat
Feet	Inches	BS&W/BBLS Received BS&W (%)
1st Gauge		Free Water
2nd Gauge Received	The second secon	Total Received
		1.2
I hereby certify that the above load material ha	een (circle one): ACCEPTED DENIED If denied,	wny?
1/1/1/1	1112× # 111	
NAME (PRINT)	DATE	SIGNATURE
Jone Com.		R SITE COPY Gold - RETURN TO GENERATOR Versi
		PRITE CODY GOLD PETTIRN III GENERATUR VEISI
eased to Imaging: 3/11/2024 1159	5 PAOW - TRANSPORTER COPY Pink - GENERATO	R SITE COPY GOID - RETORN TO GENERALIS.

Company Man C	Contac	age	330	of 45

Received by OCD: 9/21/2023	10:15:45 AM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE (PLEASE PRINT)	E-MANIFEST Company Man Contact and Manual 4
RONMENTAL SOLUTIONS		Phone No. 4 Sq. 6 3 Sq. 6 3
PARTITION NAMED IN	GENERATOR	NO. 631950
perator No.	Permit/RRC No.	
to the last the true	Lease/Well Name & No.	POCKET AC OURS THY H
perators Name	County	A CHARLES OF THE PARTY OF THE P
ddress	API No.	36 65 3668
ity, State, Zip <u>OKLANDAA</u>	Rig Name & No.	
hone No.	766 - 42 01 AFE/PO No.	or transferred to be a supplied to the supplined to the supplied to the supplied to the supplied to the suppli
EXEMPT	E&P Waste/Service Identification and Amount (place volume next to	waste type in barrels or cubic yards)
Dil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS [Washout Water (Injectable)
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Midds Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	OTHER EXEMPT WASTES (type and generation process of the waste)
Fank Bottoms E&P Contaminated Soil	Truck Washout (exempt waste)	A STREET OF STREET OF STREET OF STREET
Gas Plant Waste		CATHEDRIC HAIF
WASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION GATHERING LINES
All non-exe		TCLP), Ignitability, Corrosivity and Reactivity. t from Non-Exempt Waste List on back Y-YARDS E-EACH
QUANTITY	B - BARRELS L - LIQUID	
	rce Conservation and Recovery Act (RCRA) and the US Environmental Protection	A Agency's July 1988 regulatory determination, the above described water
oad is (Check the appropriate classification	d wastes generated from oil and gas exploration and production operations and	are not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load ba	asis only)	White the state of
RCRA NON-EXEMPT: Oil field	d waste which is non-hazardous that does not exceed the minimum standards fo L-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as	or waste hazardous by characteristics established in RCRA regulations, 40 CFR
261.21	I-261.24, or listed hazardous waste as defined by 40 CFK, part 261, Subpart 0, as doubles is attached. (Check the appropriate items as provided)	anichoca, ric rollowing accounts.
	Information RCRA Hazardous Waste Analysis	Other (Provide Description Below)
EMERGENCY NON-OILFEILD: Emerg detern	gency non-hazradous, non-oilfeild waste that has been ordered by the Departmen mination and a desciption of the waste must accompany this form) DATE	nt of Public Safety (the order, documentation of non-hazardous waste
	TRANSPORTER	
Transporter's	Driver's Name	BAFILL SOUNEZ
Name	Print Name	12010, 7181 2 Bus 1000 X
Address	Phone No.	
	Committee of the Commit	
Phone No.	Truck No.	9/
	Truck No. erial(s) was/were picked up at the Generator's site listed above and delivered wi	ithout incident to the disposal facility listed below.

	THE RESERVE TO SERVE THE PARTY OF THE PARTY		Phone No.	1		-
Phone No.	The second second		Truck No.	91	A STATE OF THE PARTY OF THE PAR	
I hereby certi	ify that the above named material(s) was/were pick	ed up at the Generator's site liste	ed above and delivered with	out incident to the	disposal facility listed below.	
	HIPMENT DATE DRIVER'S S	GNATURE	DELI	VERY DATE	DRIVER'S SIGNATURE	
3	TRUCK TIME STAMP	DISPOSA	AL FACILITY	4	RECEIVING AREA	
IN:	OUT:		substantia in	Nan	ne/No.	- 1
Site Name/ Permit No.	Halfway Facility / NM1-006		Phone No.	575-393-1079		
Address	6601 Hobbs Hwy US 62/180 Mile Marker 66 C	arlsbad, NM 88220				
moltonoo.ii-	NORM READINGS TAKEN? (Circle One)	S NO	If YES, was rea	ding > 50 micro roe	entgens? (circle one) YES NO)

YES

PASS THE PAINT FILTER TEST? (Circle One)

2nd

	Feet	nes		The second secon		
	reet	- 37		BS&W/BBLS Received	BS&W (%)	
Gauge				Free Water		PER PROPERTY.
Gauge		200		Total Received		and the second
eived	15	The second second		Transaction of the Control of the Co		
I horoby cartify:	that the above load material has been (circle one):	ACCEPTED	DENIED	If denied, why?	Coppe harden	mide -
Thereby certify	that the above load material has seen (see	A ALLES		1	And the second second second	

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

	Company	Man	Contact	Informat
Nam	e IET	ETI	Regina	0
	THE RESERVED TO STREET	C-1 7	The state of the	-

			Phone No.
	GENERATOR		NO. 599977
Operator No.	Por	nit/RRC No.	300011
Operators Name		e/Well	- Cit days on each Date 13
Operators Name	Nar Nar	ne & No.	14 PC 0409 214 H
Address	DHIKE BLVO Cou	nty	EDDA
2 NITE 308	API	No. 30-	015 - 46608
City, State, Zip	9 : 0K 73116	Name & No.	
Phone No.		PO No.	THE REPORT OF THE PARTY OF THE
EVENADT FOR U			
Oil Based Muds	/aste/Service Identification and Amount (place volun	THE REAL PROPERTY AND ADDRESS OF THE PARTY O	the same and the s
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water	
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)		/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water	
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injectable)		ater/Waste (Injectable)
E&P Contaminated Soil	Truck Washout (exempt waste)	OTHER EXEMPT V	VASTES (type and generation process of the waste)
Gas Plant Waste			a Trust and Her-Go Baldanes and he
WASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION	GATHERING LINES
	NON PURANTEGRINA /6 T 11 W		GATTE LINES
All non-exempt E&P	NON-EXEMPT E&P Waste/Service Identificate waste must be analysed and be below the threshold limits for	tion and Amount	rockity and Daniel It.
Non-Exempt Other			THE RESIDENCE OF THE PARTY OF T
		ease select from Non-Exempt W	uste List on Dack
QUANTITY	B - BARRELS L - LI	QUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conse	ervation and Recovery Act (RCRA) and the US Environmental	Notestian Assessed L. L. 4000	
load is (Check the appropriate classification)	ervation and Recovery Act (RCRA) and the US Environmental	rotection Agency's July 1988 reg	gulatory determination, the above described waste
	generated from oil and gas exploration and production opera	tions and are not mixed with nor	a overnot waste (B2CO Assessed asset)
RCRA EXEMPT: load basis only)	Samuel and	dons and are not mixed with not	rexempt waste (K360 Accepts certifications on a per
RCRA NON-EXEMPT: Oil field waste w	hich is non-hazardous that does not exceed the minimum sta	ndards for waste hazardous by	haracteristics actablished in BCRA was deliced to CCR
261.21-261.24, 0	or listed hazardous waste as defined by 40 CFR, part 261, sub	part D. as amended. The followin	g documentation demonstrating the waste as non
hazardous is atta	ached. (Check the appropriate items as provided)		8 wording the waste as hori-
MSDS Information	n RCRA Hazardous Waste Analysis	Other (Provide De	scription Relow)
			Scription below)
Emergency non-	hazradous, non-nilfeild waste that has been ordered by the D		
EMERGENCY NON-OILFEILD: Emergency non-determination at	hazradous, non-oilfeild waste that has been ordered by the D		
EMERGENCY NON-OILFEILD: Emergency non-determination and	hazradous, non-oilfeild waste that has been ordered by the End a desciption of the waste must accompany this form)		
EMERGENCY NON-OILFEILD: Emergency non-determination at (PRINT) AUTHORIZED AGENTS NAME	nd a desciption of the waste must accompany this form)		
PETE TRUITION and determination and	nd a desciption of the waste must accompany this form) DATE	epartment of Public Safety (the	order, documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME	nd a desciption of the waste must accompany this form)	epartment of Public Safety (the	order, documentation of non-hazardous waste
PETE TRUITION and determination and	nd a desciption of the waste must accompany this form) DATE TRANSPORTE	epartment of Public Safety (the	order, documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME Transporter's	DATE TRANSPORTE Drive	epartment of Public Safety (the	order, documentation of non-hazardous waste
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Page 332 of 456

R360	V MEXICO NON-HAZARDOUS OILFIELD WAS (PLEASE PRINT)	STE MANIFEST Con Name	mpany Man Contact Information
ROMMENTAL	(LEENSE LIMIT)	Phone No.	432) 215 - 5452
	GENERATOR	NO. 5	88887
pperator No.	Permit/RRC	No	
Made OIL 1 GAS	Lease/Well Name & No.	FOUNCH FO	14 hle 60hc
operators Name	3WO County	[00]	THE RESIDENCE OF THE PARTY OF T
Suite 306	API No.	30-015-4	6608
city, State, Zip OKLAHOMA CITY, OK	73116 Rig Name &	No.	
Phone No. 405 386 - 4391	AFE/PO No.		Company of the last
	e Identification and Amount (place volume next	to waste type in barrels or cubic yard	s)
Oil Based Muds NON-INJE	CTABLE WATERS	Washout Water (Injectable)	
Oli Delogia Chamber	Water (Non-Injectable) n Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injecta	able)
Water Based Cuttings Produced	Water (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	table)
The state of the s	Line Water/Waste (Non-Injectable) USE ONLY	OTHER EXEMPT WASTES (type and ge	
	shout (exempt waste)		Michigan and Indian
Gas Plant Waste	The same of the sa	PRODUCTION	GATHERING LINES
NASTE GENERATION PROCESS: DRILLING			GATHERING EINES
All and avonut CQD wasta must	NON-EXEMPT E&P Waste/Service Identification and be analysed and be below the threshold limits for toxici	d Amount ty (TCLP), Ignitability, Corrosivity and React	ivity.
All non-exempt East waste must		lect from Non-Exempt Waste List on back	
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS	E - EACH
hereby certify that according to the Resource Conservation and	- (2001) Like HC Environmental Protect	ion Agency's July 1988 regulatory determin	ation, the above described waste
MSDS Information Emergency non-hazradous, idetermination and a descipt	RCRA Hazardous Waste Analysis non-oilfeild waste that has been ordered by the Departi ion of the waste must accompany this form)	ment of Public Safety (the order, document	ation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIG	NATURE
No. of the last of	TRANSPORTER	A	AL SHALL
Transporter's	Driver's Na	me //////////	OFFER
Name	Print Name	78650316	61
Address (A)	Phone No.		
Dhone No.	Truck No.	9/	
Phone No. I hereby certify that the above named material(s) was/were pick	ed up at the Generator's site listed above and delivered	without incident to the disposal facility list	ed below.
r nereby certify that the above hamed material(s) was/were pick	4	- 27 25 (
SHIPMENT DATE DRIVER'S SI	GNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIV	ING AREA
IN: OUT:		Name/No.	15/5/
Site Name/	Phone No.	675 202 1070	
Permit No. Halfway Facility / NM1-006		575-393-1079	NAME OF STREET
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 C	The same of the sa	- verding v EO migro verntgene	e) YES NO
NORM READINGS TAKEN? (Circle One)		as reading > 50 micro roentgens? (circle on	1123
PASS THE PAINT FILTER TEST? (Circle One)	TANK BOTTOMS		
Feet 1st Gauge	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge	THE REPORT OF THE PARTY OF THE	Free Water	

Received

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

DATE

Company Ma	Contact mormation 4:	5

Phone No GENERATOR NO Permit/RRC No Operator No. Lease/Well Name & No Operators Name Address API No. Rig Name & No. City, State, Zip AFE/PO No. Phone No volume next to wa Oil Based Muds Oil Based Cuttings Completion Fluid/Flow back (Injectable) Completion Fluid/Flow back (Non-Injectable) Water Based Muds Produced Water (Injectable) Produced Water (Non-Injectable) Water Based Cuttings Gathering Line Water/Waste (Injectable **Produced Formation Solids** Tank Bottoms E&P Contaminated Soil Truck Washout (exempt waste) GATHERING LINES PRODUCTION WASTE GENERATION PROCESS COMPLETION DRILLING *please select from Non-Exempt Waste List on back Non-Exempt Other E - EACH L - LIQUID Y - YARDS B - BARRELS QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) RCRA Hazardous Waste Analysis Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) 04.26-25 SIGNATURE TRANSPORTER Transporter's Driver's Name Name Print Name Address Phone No. Truck No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DRIVER'S SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA DISPOSA TRUCK TIME STAMP Name/No. OUT: IN: Site Name/ Phone No. 575-393-1079 Halfway Facility / NM1-006 Permit No. 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Address If YES, was reading > 50 micro roentgens? (circle one) YES NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One) Feet BS&W (%) BS&W/BBLS Received 1st Gauge Free Wate 2nd Gauge Total Receive Received If denied, why? I hereby certify that the above load material has been (circle one): ACCEPTED

RE3(5)) Received by OCD: 9/21/2023 10:15:4	5 AM (PLI	EASE PRINT)	Name Page 334 of 45 Phone No.
	GEN	IERATOR	No. 588893
Operator No.		Permit/RRC No.	000033
Operators Name	SAS .	Name & No.	Goon (4 Fc 0409 214 H
Address 1001 W. WILSH	IRE BLYD	County	EVIDY
OVIA HOMA CITY	. OK 73116	API No.	30-015-46608
City, State, Zip Phone No.	4391	Rig Name & No.	
	cto/Consista Identification and Ameri	AFE/PO No.	
Oil Based Muds	ste/Service Identification and Amou NON-INJECTABLE WATERS		LECTABLE WATERS
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Inject		/ashout Water (Injectable) ompletion Fluid/Flow back (Injectable)
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable)	Pr	roduced Water (Injectable)
Fank Bottoms	Gathering Line Water/Waste (Non-Inject INTERNAL USE ONLY	The second secon	athering Line Water/Waste (Injectable) THER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)		Charles Control of the Control
WASTE GENERATION PROCESS:	DRILLING CO	MPLETION PR	RODUCTION GATHERING LINES
		/Service Identification and Amount	
All non-exempt E&P w Non-Exempt Other	aste must be analysed and be below the	THE RESERVE THE PARTY OF THE PA	Ignitability, Corrosivity and Reactivity. Non-Exempt Waste List on back
(1/			Non-Exempt waste list on back
QUANTITY	B - BARRELS	L - LIQUID	Y-YARDS E-EACH
I hereby certify that according to the Resource Consen- load is (Check the appropriate classification)	ration and Recovery Act (RCRA) and the U	JS Environmental Protection Agency	y's July 1988 regulatory determination, the above described waste
	nerated from oil and gas exploration and	production operations and are not	mixed with non-exempt waste (R360 Accepts certifications on a per
load basis only)	ch is non honordous that dans and access		
RCRA NON-EXEMPT: Oil field waste wh 261.21-261.24, or	listed hazardous waste as defined by 40 (CFR, part 261, subpart D, as amende	e hazardous by characteristics established in RCRA regulations, 40 CFR ed. The following documentation demonstrating the waste as non-
hazardous is attac	hed. (Check the appropriate items as pro-	2.4 - 41	
MSDS Information			her (Provide Description Below)
MSDS Information	RCRA Hazardous Wast	e Analysis Oth	
MSDS Information MSDS Information EMERGENCY NON-OILFEILD: Emergency non-ha	RCRA Hazardous Wast	e Analysis Oth	her (Provide Description Below) blic Safety (the order, documentation of non-hazardous waste
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EMERGENCY NON-OILFEILD: Emergency non-hadetermination and determination and determination and (PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No. I hereby certify that the above named material(s) was Address SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile Manual Norm READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge	RCRA Hazardous Waste Dispose Price 66 Carlsbad, NM 88220 YES NO YES TANK	DATE SPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DA AL FACILITY Phone No. 575	SIGNATURE SIGNATURE SIGNATURE Cident to the disposal facility listed below. THE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 5-393-1079 50 micro roentgens? (circle one) YES NO BBLS Received BS&W (%)
EMERGENCY NON-OILFEILD: Emergency non-hadetermination and determination and determination and (PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No. I hereby certify that the above named material(s) was/SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Manual Norm READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One)	RCRA Hazardous Waste Dispose Price 66 Carlsbad, NM 88220 YES NO YES TANK	DATE SPORTER Driver's Name Print Name Phone No. Truck No. ted above and delivered without incomplete above above above above above above above and delivered without incomplete above abov	cident to the disposal facility listed below. TE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 5-393-1079 50 micro roentgens? (circle one) YES NO
EMERGENCY NON-OILFEILD: Emergency non-hadetermination and determination and determination and (PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No. I hereby certify that the above named material(s) was Address SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Manuel Norm READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge 2nd Gauge Received	RCRA Hazardous Waste Dispose Price of Carlsbad, NM 88220 YES NO YES TANK Inches	DATE SPORTER Driver's Name Print Name Phone No. Truck No. BOTTOMS BS&W/F	blic Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE Cident to the disposal facility listed below. STE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 5-393-1079 50 micro roentgens? (circle one) YES NO BBLS Received BS&W (%) Free Water
EMERGENCY NON-OILFEILD: Emergency non-hadetermination and determination and determination and (PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No. I hereby certify that the above named material(s) was/SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Manuel Norm READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge 2nd Gauge	RCRA Hazardous Waste Dispose Price of Carlsbad, NM 88220 YES NO YES TANK Inches	DATE SPORTER Driver's Name Print Name Phone No. Truck No. ted above and delivered without incomplete above above above above above above above and delivered without incomplete above abov	blic Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE Cident to the disposal facility listed below. STE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 5-393-1079 50 micro roentgens? (circle one) YES NO BBLS Received BS&W (%) Free Water
EMERGENCY NON-OILFEILD: Emergency non-hadetermination and determination and determination and (PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No. I hereby certify that the above named material(s) was Address SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Manuel Norm READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge 2nd Gauge Received	RCRA Hazardous Waste Dispose Price of Carlsbad, NM 88220 YES NO YES TANK Inches	DATE SPORTER Driver's Name Print Name Phone No. Truck No. BOTTOMS BS&W/F	blic Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE Cident to the disposal facility listed below. STE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 5-393-1079 50 micro roentgens? (circle one) YES NO BBLS Received BS&W (%) Free Water

Company	Man	Contact information	
Company	INIGH	Contact information	

	GENERATOR	No. 588896
Operator No.	Permit/RRC No.	300030
Marla ch 1 Fat	Lease/Well	6000CH FC 0109 214 H
Anni Anti Seli	Name & No.	Eppy The Transfer of the Eppy The Transfer of
Address	. API No.	300 - 015 46608
City, State, Zip OKIA HOMA CTI 9	0K 73116 Rig Name & No.	
Phone No. 405,386 - 413 0	AFE/PO No.	
EXEMPT E&P Waste/Serv	ice Identification and Amount (place volume next to wa	aste type in barrels or cubic yards)
	ECTABLE WATERS	INJECTABLE WATERS Washout Water (Injectable)
	t Water (Non-Injectable) ion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
	d Water (Non-Injectable) g Line Water/Waste (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Tank Bottoms INTERNA	AL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil Truck W Gas Plant Waste	ashout (exempt waste)	
WASTE GENERATION PROCESS: DRILLIN	G COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and Amo	
NAME OF TAXABLE PARTY OF TAXABLE PARTY.	t be analysed and be below the threshold limits for toxicity (TCI	
Non-Exempt Other	*piease select fro	om Non-Exempt Waste List on back
QUANTITY 18	B - BARRELS L - LIQUÍD	Y - YARDS E - EACH
I hereby certify that according to the Resource Conservation and	d Recovery Act (RCRA) and the US Environmental Protection Ag	gency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)	from all and gas evaluation and avaduation appraisance and avaduation	not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: Oil field wastes generated to load basis only)	from oil and gas exploration and production operations and are	Hot mixed with the exempt waste (1500 Accepts certifications on a per-
RCRA NON-EXEMPT: Oil field waste which is non	-hazardous that does not exceed the minimum standards for w	vaste hazardous by characteristics established in RCRA regulations, 40 CFR
	zardous waste as defined by 40 CFR, part 261, subpart D, as am eck the appropriate items as provided)	ended. The following documentation demonstrating the waste as non-
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
		of Public Safety (the order, documentation of non-hazardous waste
determination and a descip	otion of the waste must accompany this form)	
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
	TRANSPORTER	
Transporter's	Driver's Name	Sociel FRANCO
NameAddress	Print Name	
earsi ha h	Phone No.	786 953 7091
Phone No.	Truck No.	
I hereby certify that the above named material(s) was/were pic	ked up at the Generator's site listed above and delivered witho	ut incident to the disposal facility listed below.
04/20/23	C 9/0	ERY DATE DRIVER'S SIGNATURE
	SOLUTIONS OF THE PROPERTY OF T	RECEIVING AREA
TRUCK TIME STAMP	DISPOSAL FACILITY	Name/No.
IN: OUT:		Ivairie/No.
Site Name/ Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 0	Carlsbad, NM 88220	
NORM READINGS TAKEN? (Circle One)	ES NO If YES, was read	ing > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO.	
	TANK BOTTOMS	《刘子》,对上部《首命》,所谓
Feet	Inches	&W/BBLS Received BS&W (%)
1st Gauge 2nd Gauge	DS DS	Free Water
Received		Total Received
County Line and County		
the state of the state of a state of the sta	analy ACCEPTED DENIED If denied why	
I hereby certify that the above load material has been (circle	e one): ACCEPTED DENIED If denied, why	

V MEXICO NON-HAZARD	OUS OILFIELD WASTE N	MANIFEST	Comp	any Man C	ontact I	nformat	į
(PLEA	SE PRINT)		Name	ETC TR	WALL	0	
			N W 1201	216 -	6.50		

					Phone No.	20 017 24 77
A STATE			GENERAT	OR	NO. 5	88891
Operator No.				Permit/RRC No. Lease/Well		
Operators Name	Movo ou 3 1	TAS O		Name & No.	- Sounch cc - Of	109 214 H
Address	M135 J.	ic Bind	1	County	30-015	W.C.O.V
City State 7in	OKLAHOMA CITY	. OK 7311	THE MANUAL PROPERTY.	API No.	A Paris A Vision Co.	100 / 4
City, State, Zip Phone No.	(405) 286	- 4391		Rig Name & No. AFE/PO No.		THE RESERVE
	EXEMPT E&P Wa	ste/Service Identificat	ion and Amount (place)	rolume next to	waste type in barrels or cubic yard	ds)
Oil Based Muds		NON-INJECTABLE WATE		OR USE OF	Washout Water (Injectable)	CONTROL STATE
Oil Based Cutting Water Based Mu	uds	Washout Water (Non-In Completion Fluid/Flow b	ack (Non-Injectable)		Completion Fluid/Flow back (Inject	able)
Water Based Cur Produced Forma		Produced Water (Non-In Gathering Line Water/W			Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	table)
Tank Bottoms E&P Contaminat	ted Soil	INTERNAL USE ONLY Truck Washout (exempt	waste\		OTHER EXEMPT WASTES (type and go	eneration process of the waste)
Gas Plant Waste		Truck Washout (exempt	wastej			se tressendiffs store
WASTE GENER	RATION PROCESS:	DRILLING	COMPLETION		PRODUCTION	GATHERING LINES
	All non-exempt E&P v		MPT E&P Waste/Service Ide		nount CLP), Ignitability, Corrosivity and React	ivity
Non-Exempt Oth		101,000			from Non-Exempt Waste List on back	
QUANTITY	18	B - BA	RRELS	L - LIQUID	Y - YARDS	E - EACH
	hat according to the Resource Conse				Agency's July 1988 regulatory determin	
	e appropriate classification)	vation and necovery Act (neivy and the 03 Environm	entar i rotection i	agency stary 2500 regulatory determin	actor, the above described waste
RCRA EX	EMPT: Oil field wastes g	enerated from oil and gas	exploration and production	operations and ar	re not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA NO		nich is non-hazardous that	does not exceed the minim	um standards for	waste hazardous by characteristics est	ablished in RCRA regulations, 40 CFR
	261.21-261.24, o			1, subpart D, as ar	mended. The following documentation	demonstrating the waste as non-
	MSDS Informatio	ched. (Check the appropri	Hazardous Waste Analysis		Other (Provide Description Below)	
					The second	
EMERGEN	ICY NON-OIL FEILD:				of Public Safety (the order, document	ation of non-hazardous waste
PE	determination an	d a desciption of the wast	e must accompany this form	6.23	HI	1
(PRI	INT) AUTHORIZED AGENTS NAME			DATE	SIGN	NATURE
			TRANSPOR	TER	March Control	
Transporter's Name	Kochink			Driver's Name	CNIE Gonz	
Address	Carlstact			Print Name		
	Man and the second		V .	Phone No.	305 608 64	
Phone No.	395 610 OH			Truck No.	_08	A Profession
I hereby certify t	hat the above named material(s) was	/were picked up at the Ge	nerator's site listed above a	nd delivered with	out incident to the disposal facility liste	ed below.
SHIPM	IENT DATE	DRIVER'S SIGNATURE		DELI	VERY DATE	DRIVER'S SIGNATURE
	TRUCK TIME STAMP	THE LEWIS	DISPOSAL FA	CILITY	RECEIVI	NG AREA
IN:	OUT:				Name/No.	
Site Name/	Halfway Facility / NM1-006			Phone No.	575-393-1079	
Permit No. Address	6601 Hobbs Hwy US 62/180 Mile M	arker 66 Carlsbad, NM 88	220		The Albertan State of the	
N	NORM READINGS TAKEN? (Circle One)	YES	NO	If YES, was read	ding > 50 micro roentgens? (circle one) YES NO
PASS	THE PAINT FILTER TEST? (Circle One)	YES		NO		
			TANK BOTT	OMS		and the latest the same
1st Gauge	Feet	Inches		B	S&W/BBLS Received	BS&W (%)
2nd Gauge	RESERVED AND STREET			2.2	Free Water	
Received		7			Total Received	
I hereby certi	fy that the above load material has be	een (circle one): AC	CEPTED DENIED	If denied, wh	y?	
	TITLE	1101	100	166	The state of the s	J. C. Lines
17.00	NAME (PRINT)	DATE		TITLE	SIGI	NATURE

STATE OF THE PARTY	10:15:45 AM	(PLEASE PRINT)		Phone No. 4930	Page 338 of
		GENERATOR		NO. 588	861
Operator No.		Permit/RR Lease/We			
Operators Name		Name & N	large land	onch to our	09 214 14
Address	THIRE BIND .	County		Looy	
SUNT 206	0 4 4 0x 7700	API No.	30	015 - 4660	
Line	6 425	Rig Name			
Phone No.		AFE/PO No		The State of the S	
Oil Based Muds EXEMPT EX	&P Waste/Service Identification NON-INJECTABLE WATERS	and Amount (place volume nex	t to waste type in barrel	Control of the Contro	
Oil Based Cuttings	Washout Water (Non-Injec		Washout Water (In	njectable)	
Water Based Muds Water Based Cuttings	Completion Fluid/Flow back Produced Water (Non-Injection		Completion Fluid/F Produced Water (II	Flow back (Injectable)	
Produced Formation Solids	Gathering Line Water/Wast		Gathering Line Wa	ter/Waste (Injectable)	
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY Truck Washout (exempt wa	iste)	OTHER EXEMPT WA	ASTES (type and generation)	process of the waste)
Sas Plant Waste				Children and Children	mice and territory
VASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHE	ERING LINES
	NON-EXEMP	T E&P Waste/Service Identification a	nd Amount	A SECTION AND A SECTION AND ASSESSMENT	NAME OF TAXABLE PARTY.
All лоп-ехетрі on-Exempt Other	E&P waste must be analysed and b	be below the threshold limits for toxic		THE RESERVE OF THE PARTY OF THE	
3846	THE STATE OF THE S		elect from Non-Exempt Wa	ste List on back	
UANTITY	B - BARRE	L-LIQUID	Y	- YARDS	E - EACH
	non-hazradous, non-oilfeild waste tion and a desciption of the waste m	that has been ordered by the Depart nust accompany this form)	ment of Public Safety (the o	rder, documentation of n	on-hazardous waste
	resident land	TRANSPORTER	1.65	SIGNATORE	in statement in
ransporter's	Carlo Alexander	Driver's Na	me /2////-	1141 6	741102
ameddress		Print Name	11/1/11/11	21169	
- 14 / W		Phone No.	7807	5-1-00-4	
none No.	PET PROTEINED	Truck No.	W/		
pereby certify that the shows are all and it.	s) was/were picked up at the Gener		20 1		
lereby certify that the above named material(ator's site listed above and delivered	without incident to the disp	osal facility listed below.	
4-24-15		ator's site listed above and delivered	without incident to the disc	osal facility listed below.	
SHIPMENT DATE	DRIVER'S SIGNATURE	_ 4	Without incident to the disp	DRIVER'S	SIGNATURE
SHIPMENT DATE TRUCK TIME STA	DRIVER'S SIGNATURE	DISPOSAL FACILITY	DELIVERY DATE	DRIVER'S RECEIVING AI	
SHIPMENT DATE TRUCK TIME STA	DRIVER'S SIGNATURE	_ 4	-14-69	DRIVER'S RECEIVING AI	
TRUCK TIME STA V: OUT: te Name/	DRIVER'S SIGNATURE	_ 4	DELIVERY DATE Name,	DRIVER'S RECEIVING AI	
TRUCK TIME STA TRUCK TIME STA OUT: Te Name/ Trmit No. Halfway Facility / NM1-006	DRIVER'S SIGNATURE	DISPOSAL FACILITY Phone No.	DELIVERY DATE	DRIVER'S RECEIVING AI	
TRUCK TIME STA V: OUT: te Name/ termit No. Halfway Facility / NM1-006 ddress 6601 Hobbs Hwy US 62/180 N	DRIVER'S SIGNATURE M P D Mile Marker 66 Carlsbad, NM 88220	DISPOSAL FACILITY Phone No.	Name,	RECEIVING AI	REA
TRUCK TIME STA N: OUT: te Name/ ermit No. Halfway Facility / NM1-006	DRIVER'S SIGNATURE MIP Wile Marker 66 Carlsbad, NM 88220 e One) YES NC	DISPOSAL FACILITY Phone No.	DELIVERY DATE Name,	RECEIVING AI	
TRUCK TIME STA N: OUT: Ite Name/ ermit No. Halfway Facility / NM1-006 ddress 6601 Hobbs Hwy US 62/180 N NORM READINGS TAKEN? (Circle	DRIVER'S SIGNATURE MIP Wile Marker 66 Carlsbad, NM 88220 e One) YES NC	Phone No.	Name,	RECEIVING AI	REA
TRUCK TIME STA N: OUT: ite Name/ ermit No. Halfway Facility / NM1-006 ddress 6601 Hobbs Hwy US 62/180 N NORM READINGS TAKEN? (Circle	DRIVER'S SIGNATURE MIP Wile Marker 66 Carlsbad, NM 88220 e One) YES NC	Phone No. If YES, wa	Name,	RECEIVING AI	REA
TRUCK TIME STA N: OUT: _ ite Name/ ermit No ddress	MIP Mile Marker 66 Carlsbad, NM 88220 e One) YES NO	Phone No. If YES, wa	Name, 575-393-1079 s reading > 50 micro roentge	DRIVER'S RECEIVING AI /No.	REA
TRUCK TIME STA N:	MIP Mile Marker 66 Carlsbad, NM 88220 e One) YES NO	Phone No. If YES, wa	Name, 575-393-1079 s reading > 50 micro roentge	DRIVER'S RECEIVING AI /No.	REA NO
TRUCK TIME STA N:	MIP Mile Marker 66 Carlsbad, NM 88220 e One) YES NC e One) YES Inches	Phone No. If YES, wa NO TANK BOTTOMS	Name, 575-393-1079 s reading > 50 micro roentge BS&W/BBLS Received Free Water Total Received	DRIVER'S RECEIVING AI /No.	REA NO
TRUCK TIME STA N: OUT: the Name/ ermit No. Halfway Facility / NM1-006 ddress 6601 Hobbs Hwy US 62/180 N NORM READINGS TAKEN? (Circle PASS THE PAINT FILTER TEST? (Circle st Gauge and Gauge	MIP Mile Marker 66 Carlsbad, NM 88220 e One) YES NC e One) YES Inches	Phone No. If YES, wa NO TANK BOTTOMS	Name, 575-393-1079 s reading > 50 micro roentge BS&W/BBLS Received Free Water Total Received	DRIVER'S RECEIVING AI /No.	REA NO
TRUCK TIME STA N:	MIP Mile Marker 66 Carlsbad, NM 88220 e One) YES NC e One) YES Inches	Phone No. If YES, wa NO TANK BOTTOMS	Name, 575-393-1079 s reading > 50 micro roentge BS&W/BBLS Received Free Water Total Received	DRIVER'S RECEIVING AI /No.	REA NO

NEW MEXICO NON-HAZARDOUS OILEIELD WASTE MANIFEST (PLEASE PRINT) Phone No. GENERATOR NO Permit/RRC No Operator No. Name & No. Operators Name County Address API No Rig Name & No City, State, Zip AFE/PO No Phone No te type in barrels or cubic yards) Oil Based Muds Washout Water (Injectable) Oil Based Cuttings Completion Fluid/Flow back (Injectable) Completion Fluid/Flow back (Non-Injectable) Water Based Muds Produced Water (Injectable) Produced Water (Non-Injectable) Water Based Cuttings Gathering Line Water/Waste (Injectable) Gathering Line Water/Waste (Non-Injectable **Produced Formation Solids** Tank Bottoms E&P Contaminated Soil Truck Washout (exempt waste) Gas Plant Waste **GATHERING LINES** PRODUCTION COMPLETION DRILLING WASTE GENERATION PROCESS *please select from Non-Exempt Waste List on back Non-Exempt Other E - EACH Y - YARDS 1 - HOUID B - BARRELS QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) RCRA Hazardous Waste Analysis MSDS Information Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) INT) AUTHORIZED AGENTS NA TRANSPORTER Transporter's Driver's Name Name Print Name Address Phone No. Truck No. Phone No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE SHIPMENT DATE RECEIVING AREA TRUCK TIME STAMP Name/No. OUT: IN: Site Name/ Phone No. 575-393-1079 Halfway Facility / NM1-006 Permit No 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Address NO YES If YES, was reading > 50 micro roentgens? (circle one) NO NORM READINGS TAKEN? (Circle One) NO YES PASS THE PAINT FILTER TEST? (Circle One) Inche 1st Gauge 2nd Gauge Received If denied, why? I hereby certify that the above load material has been (circle one): SIGNATURE

Company Man Cont Page 339 of 456

Received by OCD: 9/21/2023 10:15:45 AM

Received by OCD: 9/21/2023 10:15:45 AM MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Page 340 of 456 Phone No. GENERATOR NO. Permit/RRC No Operator No. Lease/Well GODACH TE 011 Name & No. Operators Name IN. WIL SHIRE BLVD Address API No. OKLAHOMA Rig Name & No. City, State, Zip AFE/PO No Phone No. Oil Based Muds Completion Fluid/Flow back (Injectable) Completion Fluid/Flow back (Non-Injectable) Water Based Muds Produced Water (Injectable) Water Based Cuttings Produced Water (Non-Injectable) Gathering Line Water/Waste (Injectable) Sathering Line Water/Waste (Non-Injectable) **Produced Formation Solids** Tank Bottoms Truck Washout (exempt waste) E&P Contaminated Soil **GATHERING LINES** COMPLETION **PRODUCTION** WASTE GENERATION PROCESS DRILLING *please select from Non-Exempt Waste List on back Non-Exempt Other E - EACH Y - YARDS L-LIQUID B - BARREIS QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) RCRA Hazardous Waste Analysis MSDS Information Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) Transporter's Driver's Name Name Print Name Address Phone No. Truck No. Phone No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DRIVER'S SIGNATURE SHIPMENT DATE RECEIVING AREA DISPOSAL FACILITY TRUCK TIME STAMP Name/No. OUT: IN: Site Name/ Phone No. 575-393-1079 Halfway Facility / NM1-006 Permit No 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Address NO If YES, was reading > 50 micro roentgens? (circle one) YES NORM READINGS TAKEN? (Circle One) NO YES PASS THE PAINT FILTER TEST? (Circle One) Inches Feet Free Wate 2nd Gauge Total Received Received DENIED If denied, why? I hereby certify that the above load material has been (circle one): SIGNATURE

Company Man Contact Information

Received by OCD: 9/21/2023 10:15:45 AM	GENERATOR	NO. 58886 Page 341 of 456
Operator No.	Permit/RRC No.	30000
Operators Name Novo oll + 945	Lease/Well Name & No.	Parch & DUM DIEN
Address 1001 Ww. Shire BI	County	5ddy 101 2111
Sula 20	API No.	30 015 41608
City, State, Zip D.k.h. hymaely Ok	73116 Rig Name & No.	
Phone No	AFE/PO No.	
EXEMPT E&P Waste/Service Ide	ntification and Amount (place volume next to wa	iste type in barrels or cubic varies
Oli Based IVIUOS NON-INJECTABL	E WATERS	INJECTABLE WATERS
- Traditode fydear	(Non-Injectable) d/Flow back (Non-Injectable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
Water Based Cuttings Produced Water	(Non-Injectable)	Produced Water (Injectable)
Tank Bottoms Gathering Line V	Vater/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil Gas Plant Waste Truck Washout (The state of the s	STREET EXEMPT - WASTES (type and generation process of the waste)
WASTE GENERATION PROCESS: DRILLING	COMPLETION	
		PRODUCTION GATHERING LINES
No. All non-exempt E&P waste must be ana	ON-EXEMPT E&P Waste/Service Identification and Amou lysed and be below the threshold limits for toxicity (TCLF	int
Non-Exempt Other		m Non-Exempt Waste List on back
QUANTITY		Supplied to the bulk
1 0	B - BARRELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conservation and Recove load is (Check the appropriate classification)	ery Act (RCRA) and the US Environmental Protection Age	ncy's July 1988 regulatory determination, the above described waste
	and gas exploration and production operations and are n	ot mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis only)	and production operations and are n	octifized with hor-exempt waste (R360 Accepts certifications on a per
RCRA NON-EXEMPT: Oil field waste which is non-hazardo	ous that does not exceed the minimum standards for was	ste hazardous by characteristics established in RCRA regulations, 40 CFR
hazardous is attached. (Check the a	waste as defined by 40 CFR, part 261, subpart D, as amer	nded. The following documentation demonstrating the waste as non-
MSDS Information		Other (Provide Description Below)
		odiei (Frovide Description Below)
Emorgonous hands at	CONTROL OF THE PARTY OF THE PAR	
EMERGENCY NON-OIL FEIL D. Emergency non-nazradous, non-oilt	eild waste that has been ordered by the Department of F	Public Safety (the order, documentation of non-hazardous waste
determination and a desciption of the	eild waste that has been ordered by the Department of F ne waste must accompany this form)	Public Safety (the order, documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: determination and a desciption of the least of	ne waste must accompany this form)	fit &
determination and a desciption of the	ne waste must accompany this form) DATE	Public Safety (the order, documentation of non-hazardous waste
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(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address	DATE TRANSPORTER Driver's Name	SIGNATURE
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address	TRANSPORTER Driver's Name Print Name Phone No. Truck No.	ENTIER GONZALLY 205 LOG 6705
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address	TRANSPORTER Driver's Name Print Name Phone No. Truck No.	ENTIER GONZALLY 205 LOG 6705
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No. hereby certify that the above named material(s) was/were picked up at	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. the Generator's site listed above and delivered without in the second site of	SIGNATURE SIGNATURE incident to the disposal facility listed below.
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Phone No. hereby certify that the above named material(s) was/were picked up at SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, N	TRANSPORTER Driver's Name Print Name Phone No. Truck No. the Generator's site listed above and delivered without in the Generator's site listed above and del	Incident to the disposal facility listed below. DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-393-1079
Transporter's Name Address Phone No. hereby certify that the above named material(s) was/were picked up at SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address ONE MORAN READINGS TAKEN? (Circle One) YES	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. the Generator's site listed above and delivered without in the delivered without	incident to the disposal facility listed below. DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No.
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Transporter's Name Address Phone No. Thereby certify that the above named material(s) was/were picked up at SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address G601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, N NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) St Gauge Inchest	TRANSPORTER Driver's Name Print Name Phone No. Truck No. the Generator's site listed above and delivered without in the Generator's site listed above and de	DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-393-1079 > 50 micro roentgens? (circle one) YES NO
Phone No. Transporter's Name Address Phone No. Thereby certify that the above named material(s) was/were picked up at SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address G601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, N NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) St Gauge Feet Inch	TRANSPORTER Driver's Name Print Name Phone No. Truck No. the Generator's site listed above and delivered without in the Generator's site listed above and de	Incident to the disposal facility listed below. DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-393-1079 > 50 micro roentgens? (circle one) YES NO
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Transporter's Name Address Phone No. hereby certify that the above named material(s) was/were picked up at TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address G601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, N NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet Feet Inch	TRANSPORTER Driver's Name Print Name Phone No. Truck No. the Generator's site listed above and delivered without in the Generator's site listed above and de	Incident to the disposal facility listed below. DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-393-1079 > 50 micro roentgens? (circle one) YES NO (/BBLS Received BS&W (%) Free Water
Phone No. hereby certify that the above named material(s) was/were picked up at SHIPMENT DATE TRUCK TIME STAMP OUT: ite Name/ remit No. ddress Halfway Facility / NM1-006 ddress ORIVER'S SIGNATURE ROUT: ite Name/ remit No. Address ORIVER'S SIGNATURE Feet NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet Inch St Gauge Inch	TRANSPORTER Driver's Name Print Name Phone No. Truck No. the Generator's site listed above and delivered without in the Generator's site listed above and de	Incident to the disposal facility listed below. DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-393-1079 > 50 micro roentgens? (circle one) YES NO (/BBLS Received BS&W (%) Free Water

C-138 White - R360 ORIGINAL Vellow TRANSPORTER COPY Pink - GENERATOR SI Released to Imaging: 3/11/2024 1:57:55 PM

NAME (PRINT)

Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR

SIGNATURE

Received by OCD: 9/21/2023 10:15:45 AM EW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Man Chage 343 of 456 Name Phone No. GENERATOR NO. Mode on 3 GAS Operator No. Permit/RRC No W. WILSHIRE BLY Lease/Well GOONCH Operators Name Name & No Address County API No UKLAHOMA City, State, Zip Rig Name & No Phone No. AFF/PO No EXEMPT E&P Waste/Service Identification and Amount (pla Oil Based Cuttings Washout Water (Non-Injectable) Washout Water (Injectable) Water Based Muds Completion Fluid/Flow back (Non-Injectable) Completion Fluid/Flow back (Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Water (Injectable) **Produced Formation Solids** Gathering Line Water/Waste (Non-Injectable) Gathering Line Water/Waste (Injectable Tank Bottoms E&P Contaminated Soil Gas Plant Waste WASTE GENERATION PROCESS DRILLING COMPLETION PRODUCTION GATHERING LINES Non-Exempt Other *please select from Non-Exempt Waste List on back QUANTITY B - BARRELS Y - YARDS F - FACH I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) PETE PRUJILLO TRANSPORTER Transporter's Driver's Name Name Address Print Name Phone No Phone No. Truck No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below SHIPMENT DATE DRIVER'S SIGNATURE TRUCK TIME STAMP DISPOSAL FACILIT RECEIVING AREA IN: OUT: Name/No. Site Name/ Phone No. Halfway Facility / NM1-006 575-393-1079 Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO Feet Inches 1st Gauge 2nd Gauge Received Total Receive I hereby certify that the above load material has been (circle one) DENIED If denied, why? NAME (PRINT) SIGNATURE

Received by OCD: 9/21/2023 10:15:4	5 AM GENERA	ATOR	NO.	Page 344 of
Operator No.		Permit/RRC No.	Sec - side Asse	200000
Operators Name VIOVA ON 3 GAS		Lease/Well Name & No.	Good Fr	0409 214 4
Address 1001 N. WILSHI	RE BLYD	County	003	14
JAILE 300		API No.	30 - 015 -	46608
	73116	Rig Name & No.	11/146	
Phone No. 405 326 -	4141	AFE/PO No.	RIVI	
EXEMPT E&P Was	ste/Service Identification and Amount (pla	ce volume next to wa	iste type in barrels or cubi	c vards)
Oil Based Ividus	NON-INJECTABLE WATERS		INJECTABLE WATERS	
Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flow back	(Injectable)
Water Based Cuttings Produced Formation Solids	Produced-Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)	The second second	Produced Water (Injectable)	
Tank Bottoms	INTERNAL USE ONLY		Gathering Line Water/Waste OTHER EXEMPT WASTES (type	(Injectable) and generation process of the waste)
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)	No. of Concession, Name of Street, or other party of the last of t		
WASTE GENERATION PROCESS:	DRILLING COMPLETI	ON	PRODUCTION	GATHERING LINES
	NON-EXEMPT E&P Waste/Service	Identification and Amou	int	
All non-exempt E&P was Non-Exempt Other	aste must be analysed and be below the threshol			THE RESERVE THE PERSON NAMED IN
		_ *please select from	m Non-Exempt Waste List on	back
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conservational is (Check the appropriate classification)	ition and Recovery Act (RCRA) and the US Enviro	nmental Protection Ager	ncy's July 1988 regulatory det	ermination, the above described waste
	erated from oil and gas exploration and product	ion operations and are n	ot mixed with non-exempt wa	este (R360 Accents certifications on a nex
load basis offly)				
RCRA NON-EXEMPT: Oil field waste which	h is non-hazardous that does not exceed the mir	nimum standards for was	te hazardous by characteristic	cs established in RCRA regulations, 40 CFR
hazardous is attach	sted hazardous waste as defined by 40 CFR, part ed. (Check the appropriate items as provided)	261, subpart D, as amen	ided. The following document	ation demonstrating the waste as non-
MSDS Information	RCRA Hazardous Waste Analys	is (Other (Provide Description Bel	low)
Burney Town				
EMERGENCY NON-OILFEILD: Emergency non-haz	radous, non-oilfeild waste that has been ordered a desciption of the waste must accompany this fo	by the Department of P	ublic Safety (the order, docur	mentation of non-hazardous waste
LETE MAJITED	a OV		11	
(PRINT) AUTHORIZED AGENTS NAME	Basel Sales and Control of Control	DATE		SIGNATURE
V. N. m.	TRANSPO	RTER		Of Service Lindberg 3
Transporter's Name		Driver's Name	13915453	2 1000
Address		Print Name	1	1 2 4 3 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	PART DE LA CONTRACTOR D	Phone No.		
Phone No.		Truck No.	71	
hereby certify that the above named material(s) was/we	ere picked up at the Generator's site listed above	and delivered without i	ncident to the disposal facility	listed below
		4-23		
THE RESERVE OF THE PARTY OF THE	PRIVER'S SIGNATURE	DELIVERY C	DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FA	ACILITY	RECE	VING AREA
N: OUT:			Name/No.	00/)/
ite Name/ Permit No. Halfway Facility / NM1-006		Phone No.	75 303 4070	
Address 6601 Hobbs Hwy US 62/180 Mile Mark	er 66 Carlshad NM 88220	5/	75-393-1079	
NORM READINGS TAKEN? (Circle One)		IF VEC		
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	NO If YES, was reading >	> 50 micro roentgens? (circle o	one) YES NO
	TANKROT	TOMS		
Feet	Inches	OIVIS		
st Gauge		BS&W.	/BBLS Received	BS&W (%)
nd Gauge leceived			Free Water	A THE RESTAURT
CONTRACTOR OF THE PARTY OF THE	The state of the s		Total Received	
I hereby certify that the above load material has been	(circle one): ACCEPTED DENIED	If denied, why?	1 - 1	HEREN NO AND AND
THE HAVE				Y I SHOW THE STATE OF THE STATE
		1 69		
NAME (PRINT)	DATE	TITLE		SIGNATURE

7360	NEW MEXICO NON-HAZARDOU (PLEASE	PRINT)	Name
ROMMENTAL		The State of the S	Phone No. 4827 215 545
And the second	GENER	RATOR	NO. 588871
perator No.		Permit/RRC No. Lease/Well	
perators Name VOVO	1 1 6A5	Name & No.	GOONCH FL 0409 2144
ddress 1001 W	WILSHIBE BEVD	County	<u> </u>
Sulfc 20	06 25 11/	API No.	30-015 - 46608
ity, State, Zip	A G1 9 01 75116	Rig Name & No.	
hone No. <u>403</u>	7.71	AFE/PO No.	
EXEMPT E	&P Waste/Service Identification and Amount () NON-INJECTABLE WATERS		iste type in barrels or cubic yards) INJECTABLE WATERS
Dil Based Cuttings	Washout Water (Non-injectable)		Washout Water (Injectable)
Vater Based Muds Vater Based Cuttings	Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)		Completion Fluid/Flow back (Injectable) Produced Water (Injectable)
roduced Formation Solids	Gathering Line Water/Waste (Non-Injectable		Gathering Line Water/Waste (Injectable)
ank Bottoms	INTERNAL USE ONLY Truck Washout (exempt waste)		OTHER EXEMPT WASTES (type and generation process of the waste)
&P Contaminated Soil ias Plant Waste	Truck Washout (exempt waste)	W	
ASTE GENERATION PROCESS:	DRILLING COMPL	ETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Serv		
	pt E&P waste must be analysed and be below the three		m Non-Exempt Waste List on back
on-Exempt Other		pieuse select from	
UANTITY /	B - BARRELS	L - LIQUID	Y - YARDS E - EACH ency's July 1988 regulatory determination, the above described waste
261.21-2 hazardou	waste which is non-hazardous that does not exceed the	part 261, subpart D, as amer d)	aste hazardous by characteristics established in RCRA regulations, 40 CF ended. The following documentation demonstrating the waste as non-Other (Provide Description Below)
RCRA NON-EXEMPT: Oil field v 261.21-2: hazardou MSDS Inf	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, us is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste Ar	part 261, subpart D, as amend) halysis	
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RCRA NON-EXEMPT: Oil field w 261.21-2 hazardou MSDS Inf EMERGENCY NON-OILFEILD: Emergen determin (PRINT) AUTHORIZED AGENTS, NAME ransporter's ame ddress hone No. hereby certify that the above named materia	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, is is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste An expension of the waste that has been organized and a description of the waste must accompany to the company of the compan	part 261, subpart D, as amend) halysis	Other (Provide Description Below) Public Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA
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RCRA NON-EXEMPT: Oil field w 261.21-2 hazardou MSDS Inf EMERGENCY NON-OILFEILD: Emergen determin (PRINT) AUTHORIZED AGENTS, NAME ransporter's ame ddress hone No. hereby certify that the above named material SHIPMENT DATE TRUCK TIME ST N: OUT:	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, is is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste An expension of the waste that has been or nation and a desciption of the waste must accompany to the waste must accompany to the company of the company of the waste must accompany to the company of the company o	part 261, subpart D, as amend) halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	Other (Provide Description Below) F Public Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No.
RCRA NON-EXEMPT: Oil field w 261.21-2 hazardou MSDS Inf EMERGENCY NON-OILFEILD: Emergen determin (PRINT) AUTHORIZED AGENTS, NAME ransporter's ame ddress hone No. hereby certify that the above named material services of the company of the compa	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, is is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste An expension of the waste that has been or nation and a desciption of the waste must accompany to the company of the company of the waste must accompany to the company of the company	part 261, subpart D, as amend) halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	Other (Provide Description Below) Public Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA
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RCRA NON-EXEMPT: Oil field w 261.21-2 hazardou MSDS Inf Emergen determin (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME Transporter's lame Address Phone No. hereby certify that the above named materia SHIPMENT DATE TRUCK TIME ST N: OUT: Gite Name/ Permit No. Address 6601 Hobbs Hwy US 62/188 NORM READINGS TAKEN? (Cir	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, is is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste Analysis of the comment of the waste that has been or nation and a description of the waste must accompany to the waste must accompany to the comment of the waste must accompany to the waste mus	part 261, subpart D, as amend) halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVER L FACILITY	Other (Provide Description Below) F Public Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIIVER'S SIGNATURE RECEIVING AREA Name/No.
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RCRA NON-EXEMPT: Oil field w 261.21-2 hazardou MSDS Inf EMERGENCY NON-OILFEILD: Emergen determin (PRINT) AUTHORIZED AGENTS NAME Fransporter's lame address Phone No. hereby certify that the above named materia SHIPMENT DATE TRUCK TIME ST OUT: OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/18 NORM READINGS TAKEN? (Cir PASS THE PAINT FILTER TEST? (Cir	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, is is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste Andrew Inc.) RCRA Hazardous Waste Andrew Inc. R	part 261, subpart D, as amend) halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY L FACILITY Phone No. If YES, was readin NO	Other (Provide Description Below) Public Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
RCRA NON-EXEMPT: Oil field w 261.21-2 hazardou MSDS Inf EMERGENCY NON-OILFEILD: Emergen determin (PRINT) AUTHORIZED AGENTS NAME Phone No. hereby certify that the above named material SHIPMENT DATE TRUCK TIME ST OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/18 NORM READINGS TAKEN? (Cir.) PASS THE PAINT FILTER TEST? (Cir.)	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, is is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste An expension of the waste that has been or nation and a desciption of the waste must accompany to the company of the waste must accompany to the provential of the waste must accompany to the waste must accompan	part 261, subpart D, as amend) halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY L FACILITY Phone No. If YES, was readin NO	Other (Provide Description Below) Public Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
RCRA NON-EXEMPT: Oil field w 261.21-2 hazardou MSDS Inf EMERGENCY NON-OILFEILD: Emergen determin (PRINT) AUTHORIZED AGENTS NAME Phone No. hereby certify that the above named material SHIPMENT DATE TRUCK TIME ST OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/18 NORM READINGS TAKEN? (Cit PASS THE PAINT FILTER TEST? (Cit for the state of the	waste which is non-hazardous that does not exceed the 61.24, or listed hazardous waste as defined by 40 CFR, is is attached. (Check the appropriate items as provide formation RCRA Hazardous Waste Andrew Inc.) RCRA Hazardous Waste Andrew Inc. R	part 261, subpart D, as amend) halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY L FACILITY Phone No. If YES, was readin NO	Other (Provide Description Below) Public Safety (the order, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ng > 50 micro roentgens? (circle one) YES NO

Page 346 of 456
Company Man Contact Information

NVIRONMENTAL SOLUTIONS		PLEASE PRINT)	Name .	4321 216 - 5452
	GI	NERATOR	Phone No.	700004
	U.S.	THE RESIDENCE OF THE PARTY OF T	NO.	088894
Operator No.		Permit/RRC No. Lease/Well		1
Operators warre	AS	Name & No.	booncut	0409 114 4
Address 1001 W. WIISHII	LE BWO .	County	E009	1101/
201E 306	THE RESERVE OF THE PARTY OF THE	API No.	30-015-4	16608
City, State, Zip OKLAHUMA · CITY	CK 73116	Rig Name & No.		V.
Phone No. (.405) - 256 -	4391	AFE/PO No.	-	
EXEMPT E&P Wa	ste/Service Identification and Am	nount (place volume next to wa	aste type in barrels or cubic ya	rds)
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS		Washout Water (Injectable)	Control of the Contro
Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Inj	ectable)	Completion Fluid/Flow back (Injectable)	ctable)
Water Based Cuttings	Produced Water (Non-Injectable)		Produced Water (Injectable)	netable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-In INTERNAL USE ONLY	jectable)	Gathering Line Water/Waste (Inje OTHER EXEMPT WASTES (type and	
E&P Contaminated Soil	Truck Washout (exempt waste)	TO BUILDING	DW Art - I bestale for the	The second secon
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHERING LINES
		iste/Service Identification and Amo		
All non-exempt E&P w	aste must be analysed and be below t			ctivity.
Non-Exempt Other	CONTRACTOR OF THE PARTY	*please select fro	m Non-Exempt Waste List on bac	k
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conserv	vation and Recovery Act (RCRA) and t	ne US Environmental Protection Age	ency's July 1988 regulatory determi	ination, the above described waste
load is (Check the appropriate classification)				
RCRA EXEMPT:	nerated from oil and gas exploration	and production operations and are	not mixed with non-exempt waste	(R360 Accepts certifications on a per
load basis only)	ials in ware bearandous that dans not ou	and the minimum standards for us	acto bazardous by characteristics o	stablished in BCRA regulations 40 CER
	listed hazardous waste as defined by			stablished in RCRA regulations, 40 CFR on demonstrating the waste as non-
	hed. (Check the appropriate items as			
MSDS Information	RCRA Hazardous W	/aste Analysis	Other (Provide Description Below)	
FMERGENCY NON-OHEFHID:	azradous, non-oilfeild waste that has l		Public Safety (the order, documen	tation of non-hazardous waste
determination and	d a desciption of the waste must acco	mpany this form)	1/20	
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIC	SNATURE
	TRA	NSPORTER		
Transporter's			30-1 T	
Name KODIAK		Driver's Name	Lasol Tri	ANCO
Address		Print Name	70000	₹,71
CAMISBAD		Phone No.	786 7531	041
Phone No.		Truck No.	7+	
I hereby certify that the above named material(s) was/	were picked up at the Generator's site	e listed above and delivered withou	t incident to the disposal facility lis	ted below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVER	RYDATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN	SAL FACILITY		ING AREA
	DISFC	JOAL FACILITY	Name/No.	INO ANEA
			Ivallie/Ivo.	
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079	$\Lambda\Lambda$
Address 6601 Hobbs Hwy US 62/180 Mile Ma	rker 66 Carlsbad, NM 88220	in Epon Burgaren	Times (the second secon	· Vantage of
NORM READINGS TAKEN? (Circle One)	YES NO	If YES, was readin	ng > 50 micro roentgens? (circle on	e) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES	NO		
	TAN	KBOTTOMS		Contract Contract of the Contr
Feet	Inches			The state of the s
1st Gauge		BS&	kW/BBLS Received	BS&W (%)
2nd Gauge Received			Free Water Total Received	Ly se all the second
I hereby certify that the above load material has be	en (circle one): ACCEPTED	DENIED If denied, why?	- 3 -	111
	- 611 116	Tel A	11/	11/1

(PLEASE PRINT)

Page 347 of 456 ontact Information

Con	npany M	an Cont	act In	forma
Name	ETE	TRU	ILL	5-3

		GENERATOR	NO. 599997
			000001
Operator No.		Permit/RRC No. Lease/Well	
Operators Name York OIL 3	? 6AS	Name & No.	600nc4 FC, 0409 214 H
Address 1001 W-WIL	SHIRE BLAD	County	FADY
SVITE 201	5		30 DIC - 46608
City, State, Zip OKLAHUM	A CITY OK	API No.	
City, State, Zip	A CITY . UX	Rig Name & No	
Phone No.	7541	AFE/PO No.	
EXEMPT E&P Wa	ste/Service Identification	on and Amount (place volume next to	waste type in harrels or cubic yards)
Oil Based Muds	NON-INJECTABLE WATER		I INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Inje		Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow ba	ack (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Inj		Produced Water (Injectable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Wa INTERNAL USE ONLY	aste (Non-Injectable)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt v	waste)	OTHER EXEMIT FAMOLES (Type and generation process of the waste)
Gas Plant Waste			
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION GATHERING LINES
1,500		IPT E&P Waste/Service Identification and Ar	
	aste must be analysed and		TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other		*please select	from Non-Exempt Waste List on back
		and the state of t	Control of the Contro
QUANTITY	B - BAR	RELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conserv	vation and Recovery Act (R	CRA) and the US Environmental Protection	Agency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)			
Oil field wastes ge	enerated from oil and gas e	exploration and production operations and a	re not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis only)			the state of the s
RCRA NON-EXEMPT: Oil field waste wh	ich is non-hazardous that	does not exceed the minimum standards for	waste hazardous by characteristics established in RCRA regulations, 40 CFR
	listed hazardous waste as	defined by 40 CFR, part 261, subpart D, as a	mended. The following documentation demonstrating the waste as non-
hazardous is attac	ched. (Check the appropria	te items as provided)	the control of the co
MSDS Information	n RCRA H	azardous Waste Analysis	Other (Provide Description Below)
Emergency pon-h	azradous non-oilfeild was	te that has been ordered by the Department	t of Public Safety (the order, documentation of non-hazardous waste
FIVIERGENCY NON-OHEFHID:		must accompany this form)	torradic surety (the order, documentation or nor hazardous waste
PETE RUINIE		04.26.23	
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGNATURE
		TRANSPORTER	ENGINEERING NO. AND ADDRESS OF
		INAINDPUNIEN	
Transporter's			
AND THE RESERVE OF THE PARTY OF		Driver's Name	Faliro Consolia
Name Address		Driver's Name	ENIER GONANTER
Name Address (AASIAAG)		Driver's Name Print Name	Estica Consuler and
A STATE OF THE PARTY OF THE PAR		Driver's Name	305 608 8703
A STATE OF THE PARTY OF THE PAR		Driver's Name Print Name	305 608 8203
Address	were picked up at the Gen	Driver's Name Print Name Phone No. Truck No.	305 608 8703
Address (A) CA	were picked up at the Gen	Driver's Name Print Name Phone No. Truck No.	305 608 8703
Phone No. I hereby certify that the above named material(s) was/	14	Driver's Name Print Name Phone No. Truck No. herator's site listed above and delivered with	nout incident to the disposal facility listed below.
Phone No. I hereby certify that the above named material(s) was/	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. Derator's site listed above and delivered with	nout incident to the disposal facility listed below. IVERY DATE DRIVER'S SIGNATURE
Phone No. I hereby certify that the above named material(s) was/	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. herator's site listed above and delivered with	nout incident to the disposal facility listed below. IVERY DATE RECEIVING AREA
Phone No. I hereby certify that the above named material(s) was/	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. Derator's site listed above and delivered with	nout incident to the disposal facility listed below. IVERY DATE DRIVER'S SIGNATURE
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN:OUT:	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. Derator's site listed above and delivered with	nout incident to the disposal facility listed below. IVERY DATE RECEIVING AREA
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. Derator's site listed above and delivered with	nout incident to the disposal facility listed below. IVERY DATE RECEIVING AREA
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/ Permit No. Halfway Facility / NM1-006	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No.	nout incident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No.
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Ma	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. herator's site listed above and delivered with DISPOSAL FACILITY Phone No.	IVERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/ Permit No. Halfway Facility / NM1-006	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 If YES, was rea	nout incident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No.
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Ma	DRIVER'S SIGNATURE	Driver's Name Print Name Phone No. Truck No. herator's site listed above and delivered with DISPOSAL FACILITY Phone No.	IVERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circle One)	DRIVER'S SIGNATURE arker 66 Carlsbad, NM 882. YES	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 If YES, was rea NO	IVERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Material(s) was/ NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One)	priver's signature arker 66 Carlsbad, NM 882: YES YES	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 If YES, was rea	IVERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Material(s) was/ NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One)	DRIVER'S SIGNATURE arker 66 Carlsbad, NM 882. YES	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 NO If YES, was rea NO TANK BOTTOMS	nout incident to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 Iding > 50 micro roentgens? (circle one) YES NO
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Material(s) was/ NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge	priver's signature arker 66 Carlsbad, NM 882: YES YES	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 NO If YES, was rea NO TANK BOTTOMS	nout incident to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 Iding > 50 micro roentgens? (circle one) YES NO
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Material(s) was/ NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One)	priver's signature arker 66 Carlsbad, NM 882: YES YES	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 NO If YES, was rea NO TANK BOTTOMS	nout incident to the disposal facility listed below. IVERY DATE RECEIVING AREA Name/No. 575-393-1079 Inding > 50 micro roentgens? (circle one) RECEIVING AREA NO BS&W/BBLS Received BS&W (%)
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge 2nd Gauge	priver's signature arker 66 Carlsbad, NM 882: YES YES	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 NO If YES, was rea NO TANK BOTTOMS	nout incident to the disposal facility listed below. IVERY DATE RECEIVING AREA Name/No. 575-393-1079 Idding > 50 micro roentgens? (circle one) RECEIVING AREA NO S8&W/BBLS Received Free Water
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge 2nd Gauge	priver's signature arker 66 Carlsbad, NM 882. YES YES Inches	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 NO If YES, was rea NO TANK BOTTOMS	DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 Adding > 50 micro roentgens? (circle one) Pree Water Total Received BS&W/BBLS Received Free Water Total Received
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Ma NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge 2nd Gauge Received	priver's signature arker 66 Carlsbad, NM 882. YES YES Inches	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 NO If YES, was rea NO TANK BOTTOMS	DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 Adding > 50 micro roentgens? (circle one) Pree Water Total Received BS&W/BBLS Received Free Water Total Received
Phone No. I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Ma NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet 1st Gauge 2nd Gauge Received	priver's signature arker 66 Carlsbad, NM 882. YES YES Inches	Driver's Name Print Name Phone No. Truck No. DEL DISPOSAL FACILITY Phone No. 20 NO If YES, was rea NO TANK BOTTOMS	DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 Adding > 50 micro roentgens? (circle one) PES NO RECEIVING AREA NO SS&W/BBLS Received Free Water Total Received

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Co	mp	any	Wan	cont	act	Info	rm	and
Vame	re	46		V.V.	4	HI	13	

	1000	GENERATOR	NO. 599995
Operator No.		Permit/RRC No.	000000
Non al +	995	Lease/Well	Granch EC DUNG 214H
Operators Name	hive RIVI	Name & No. County	5ddn
Address 100 W. Will	4	API No.	30-015 4/6608
City, State, Zip Oklahowa	CITION 7.	Rig Name & No	
Phone No. 405: 2.86	4391	AFE/PO No.	/
EXEMPT E&P	Waste/Service Identification	and Amount (place volume next to	waste type in barrels or cubic yards)
Oil Based Muds	NON-INJECTABLE WATERS		INJECTABLE WATERS
Oil Based Cuttings Water Based Muds	Washout Water (Non-Inject Completion Fluid/Flow back		Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Inject	table)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Wast	e (Non-Injectable)	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt wa	ste)	A SERVICE AND PROPERTY.
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION GATHERING LINES
WASTE GENERATION FROGESS.		T E&P Waste/Service Identification and A	
All non-exempt E8			TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other		*please select	from Non-Exempt Waste List on back
QUANTITY	B - BARRE	ELS L-LIQUID	Y - YARDS E - EACH
	nservation and Recovery Act (RC	RA), and the US Environmental Protection	Agency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)			are not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis onl		noration and production operations and a	are not mixed with non-exempt waste (1500 Accepts certifications on a per
RCRA NON-EXEMPT: Oil field waste	which is non-hazardous that do	es not exceed the minimum standards for	r waste hazardous by characteristics established in RCRA regulations, 40 CFR
	 or listed hazardous waste as de attached. (Check the appropriate 		amended. The following documentation demonstrating the waste as non-
MSDS Inform		zardous Waste Analysis	Other (Provide Description Below)
FMERGENCY NON-OH-FEILD:			nt of Public Safety (the order, documentation of non-hazardous waste
determinatio	n and a desciption of the waste n	nust accompany this form)	ple !
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGNATURE
		TRANSPORTER	A STATE OF THE STA
Transporter's		Driver's Name	BAFALL SOUTH
Name Address		Print Name	1961 375 h p 7 10 m 10 10 10 10 10 10 10 10 10 10 10 10 10
Address Address		Phone No.	
Phone No.		Truck No.	edig//
I hereby certify that the above named material(s)	was/were picked up at the Gene	rator's site listed above and delivered wit	hout incident to the disposal facility listed below.
4-26-23	0	4-	19-19
SHIPMENT DATE	DRIVER'S SIGNATURE		DRIVER'S SIGNATURE
TRUCK TIME STAN	AP L	DISPOSAL FACILITY	RECEIVING AREA
IN:OUT: _			Name/No.
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079
	le Marker 66 Carlsbad, NM 88220		
NORM READINGS TAKEN? (Circle 0			ading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle 0		NO	
		TANK BOTTOMS	
Feet	Inches		DC0W/DBIC Received
1st Gauge 2nd Gauge			BS&W/BBLS Received BS&W (%) Free Water
Received			Total Received
the relicionship of the last o	as boon (circle and).	PTED DENIED If denied, w	ihv?
I hereby certify that the above load material ha	as been (circle one): ACCE	PTED DENIED If denied, w	CA LC
NAME (PRINT)	DATE	TITLE	SIGNATURE
DANGE (COULT)	MOLES		

Page 349 of 456
Company Man Contact Information Name

			Phone No. 132
		GENERATOR	NO. 588890
Operator No.		Permit/RRC No.	000000
	IN B GAS	Lease/Well	600MM FC. 0409 914 H
Operators ivaline	WILSHIRE BLYI	Name & No.	600mm 11. 0101 217 H
7 Tada Coo		County	30.015.46601
SUITE	306	API No.	30.012.4008
City, State, Zip CKLAHU M	a city ur 1	Rig Name & No.	
Phone No.	- 985 - 4391	AFE/PO No.	
EXEMPT E	&P Waste/Service Identific	ation and Amount (place volume next to	waste type in barrels or cubic yards)
Oil Based Muds	NON-INJECTABLE WAT		I INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-	The second secon	Washout Water (Injectable)
Water Based Muds Water Based Cuttings		v back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Produced Formation Solids	Produced Water (Non Gathering Line Water)	/Waste (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exem	pt waste)	
Gas Plant Waste	T DOULING	COLABIETION	DOODUSTION CATUSDING UNITS
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION GATHERING LINES
		KEMPT E&P Waste/Service Identification and An	
CONTRACTOR OF THE PERSON NAMED IN COLUMN 2	ot E&P waste must be analysed	and be below the threshold limits for toxicity (T	
Non-Exempt Other		*please select j	from Non-Exempt Waste List on back
QUANTITY	B - B	BARRELS L - LIQUID	Y - YARDS E - EACH
9			
	Conservation and Recovery Ac	t (RCRA) and the US Environmental Protection A	Agency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)	inctor gonorated from all and gr	as evaluration and production enerations and a	re not mixed with non exampt weets (P260 Accepts cartifications on a r
RCRA EXEMPT: load basis		as exploration and production operations and al	re not mixed with non-exempt waste (R360 Accepts certifications on a p
		at does not exceed the minimum standards for	waste hazardous by characteristics established in RCRA regulations, 40
			mended. The following documentation demonstrating the waste as non
hazardous	s is attached. (Check the approp	oriate items as provided)	
MSDS Info	ormation RCR.	A Hazardous Waste Analysis	Other (Provide Description Below)
	A CONTRACTOR OF THE RESIDENCE OF THE PARTY O		
Emergence	y non-hazradous, non-oilfeild w	vaste that has been ordered by the Department	of Public Safety (the order, documentation of non-hazardous waste
EMERGENCY NON-OILEELD:		aste must accompany this form)	of Public Safety (the order, documentation of non-hazardous waste
determination of the last determination of t			QUE D
EMERGENCY NON-OILEELD:		aste must accompany this form)	of Public Safety (the order, documentation of non-hazardous waste
determination of the last determination of t		aste must accompany this form)	QUE D
determination of the last determination of t		DATE TRANSPORTER	QUE D
(PRINT) AUTHORIZED AGENTS NAME		aste must accompany this form) DATE	QUE D
(PRINT) AUTHORIZED AGENTS NAME		DATE TRANSPORTER	QUE D
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name		DATE TRANSPORTER Driver's Name	QUE D
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name		TRANSPORTER Driver's Name Print Name	QUE D
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No.	ation and a desciption of the wa	TRANSPORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE BALAREL ZORLEZ TORRESTANTON
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No.	ation and a desciption of the wa	TRANSPORTER Driver's Name Print Name Phone No. Truck No.	QUE D
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No.	ation and a desciption of the wa	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with	SIGNATURE BALAREL ZORLEZ TORRESTANTON
Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE	ation and a desciption of the wa	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE
(PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA	ation and a desciption of the wa	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA
Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA	ation and a desciption of the wa	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE
Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA OUT: Site Name/	ation and a desciption of the wa	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No.
Phone No. Thereby certify that the above named material SHIPMENT DATE TRUCK TIME STATE TRUCK TIME STATE OUT: Site Name/ Permit No. Halfway Facility / NM1-006	ation and a desciption of the walls of the wall of the walls of the walls of the walls of the walls of the wall of the walls of the walls of the walls of the walls of the wall of the walls of the walls of the walls of the walls of the wall of the wall of the walls of the wall of the wall of the wall of	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA
Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180	I(s) was/were picked up at the O DRIVER'S SIGNATURE Mile Marker 66 Carlsbad, NM 8	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with. DEUT DISPOSAL FACILITY Phone No.	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Phone No. Thereby certify that the above named material SHIPMENT DATE TRUCK TIME STATE TRUCK TIME STATE OUT: Site Name/ Permit No. Halfway Facility / NM1-006	I(s) was/were picked up at the O DRIVER'S SIGNATURE Mile Marker 66 Carlsbad, NM 8	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with. DEUT DISPOSAL FACILITY Phone No.	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No.
Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy US 62/180	ation and a desciption of the walls of the w	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DELT DISPOSAL FACILITY Phone No.	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circles)	ation and a desciption of the walls of the w	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DEUT DISPOSAL FACILITY Phone No. 38220 NO If YES, was read	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Transporter's Name Address Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circles)	ation and a desciption of the walls of the w	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DELUTION Phone No. 182220 NO If YES, was read NO	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079
Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAIN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circle PASS THE PAINT FILTER TEST? (Circle PASS THE PASS THE PAINT FILTER TEST? (Circle PASS THE PASS T	DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 cle One) YES cle One) YES	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DEUT DISPOSAL FACILITY Phone No. 18220 NO If YES, was read NO TANK BOTTOMS	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ding > 50 micro roentgens? (circle one) YES NO S&W/BBLS Received BS&W (%)
Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 NORM READINGS TAKEN? (Circ PASS THE PAINT FILTER TEST? (Circ Feet 1st Gauge 2nd Gauge	DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 cle One) YES cle One) YES	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DEUT DISPOSAL FACILITY Phone No. 18220 NO If YES, was read NO TANK BOTTOMS	Out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ding > 50 micro roentgens? (circle one) YES NO S&W/BBLS Received Free Water
Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circ PASS THE PAINT FILTER TEST? (Circ Feet 1st Gauge	DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 cle One) YES cle One) YES	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DEUT DISPOSAL FACILITY Phone No. 18220 NO If YES, was read NO TANK BOTTOMS	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ding > 50 micro roentgens? (circle one) YES NO S&W/BBLS Received BS&W (%)
Phone No. Transporter's Name Address Phone No. Thereby certify that the above named material SHIPMENT DATE TRUCK TIME STA OUT: Site Name/ Permit No. Address 6601 Hobbs Hwy Us 62/180 NORM READINGS TAKEN? (Circ PASS THE PAINT FILTER TEST? (Circ Feet 1st Gauge 2nd Gauge Received	DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 tle One) YES Inches	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DELT DISPOSAL FACILITY Phone No. 18220 NO If YES, was read NO TANK BOTTOMS B.	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ding > 50 micro roentgens? (circle one) YES NO S&W/BBLS Received BS&W (%) Free Water Total Received
Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 NORM READINGS TAKEN? (Circ PASS THE PAINT FILTER TEST? (Circ Feet 1st Gauge 2nd Gauge	DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 tle One) YES Inches	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DEUT DISPOSAL FACILITY Phone No. 18220 NO If YES, was read NO TANK BOTTOMS	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ding > 50 micro roentgens? (circle one) YES NO S&W/BBLS Received BS&W (%) Free Water Total Received
Phone No. I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STA OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 NORM READINGS TAKEN? (Circ PASS THE PAINT FILTER TEST? (Circ Feet 1st Gauge 2nd Gauge Received	DRIVER'S SIGNATURE AMP Mile Marker 66 Carlsbad, NM 8 tle One) YES Inches	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Generator's site listed above and delivered with DELT DISPOSAL FACILITY Phone No. 18220 NO If YES, was read NO TANK BOTTOMS B.	out incident to the disposal facility listed below. VERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ding > 50 micro roentgens? (circle one) YES NO S&W/BBLS Received BS&W (%) Free Water Total Received

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Name	P	ETE		TRU	114	0
100000	1 Lan	4 1	4 .	par.	prog.	property.

solutions			-129472 (5)	Phone No.	432) 213 - 5452
		GENERATO	R	NO.	888889
Operator No.			ermit/RRC No.		
Operators Name Mayo	OIL 3 FAS		ease/Well ame & No.	Gooney T.	c. 0409 214 H
Operators Name	N. WILSHIRE !	211		FOOU	Majori - State No.
Address	TE 206		ounty	30 . 015 .	46658
City, State, Zip	A CITY OV	772116	PI No.	THE PROPERTY OF THE PARTY OF TH	10000
LIGEL	356 - 4391	No. of the last of	g Name & No.	Lo tax allocation of the last	THE SHARE WHEN THE
Phone No.	68° 131	A	FE/PO No.	-	
THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN	THE RESERVE OF THE PARTY OF THE	ntification and Amount (place volu	me next to wa	THE RESERVE THE PARTY OF THE PA	ds)
Oil Based Muds Oil Based Cuttings	NON-INJECTABL Washout Water	(Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		d/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injection	table)
Water Based Cuttings		(Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids Tank Bottoms	INTERNAL USE C	Vater/Waste (Non-Injectable)		Gathering Line Water/Waste (Inje OTHER EXEMPT WASTES (type and p	The state of the s
E&P Contaminated Soil	Truck Washout (The service where the	manuschie eine
Gas Plant Waste					
VASTE GENERATION PROCESS:	DRILLING	COMPLETION	discourse Lab	PRODUCTION	GATHERING LINES
All		ON-EXEMPT E&P Waste/Service Identif			et de c
Non-Exempt Other	mpt cor waste must be and	lysed and be below the threshold limits		om Non-Exempt Waste List on back	CONTRACTOR OF THE PARTY OF THE
			- Care Selectiffo	The state List on But.	
QUANTITY		B - BARRELS L	- LIQUID	Y - YARDS	E - EACH
hereby certify that according to the Resour	rce Conservation and Recove	ery Act (RCRA) and the US Environment	al Protection Age	ency's July 1988 regulatory determi	nation, the above described waste
oad is (Check the appropriate classification)					
I RCRA EXEMPT.		and gas exploration and production op	erations and are	not mixed with non-exempt waste	(R360 Accepts certifications on a p
	sis only)				to blick a life DCDA area latiness 40.6
		ous that does not exceed the minimum waste as defined by 40 CFR, part 261, s			
	The state of the s	appropriate items as provided)	abpare b, as ame	indea. The following documentation	demonstrating the waste as her
	nformation	RCRA Hazardous Waste Analysis		Other (Provide Description Below)	
Emerge	ency non-hazradous, non-oil	feild waste that has been ordered by th	e Department of	f Public Safety (the order, documen	tation of non-hazardous waste
EMERGENCY NON-OUTERUD:		the waste must accompany this form)	Question in	017	
PETE TRUJILLU		04.7	. 93		
(PRINT) AUTHORIZED AGENTS NAME		DAT		SIG	NATURE
		TRANSPORT	ER		
ransporter's		D	river's Name	EHEER CO	170/04
Address Address	1	P	rint Name		1
duiess				205 1 0 1	3/12
NN-	57.2		none No.	TO THE TOTAL OF THE	
Phone No.	700		ruck No.	VC.	
hereby certify that the above named mate	rial(s) was/were picked up a	t the Generator's site listed above and	delivered withou	it incident to the disposal facility list	ted below.
SHIPMENT DATE	DRIVER'S SIGNATURE		DELIVE	RY DATE	DRIVER'S SIGNATURE
THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IN COLUMN		DICROCAL FAC	AND DESCRIPTION OF THE PERSON NAMED IN		
TRUCK TIME S		DISPOSAL FAC	LHY		ING AREA
IN:OUT				Name/No.	for the same of the
Site Name/		p	hone No.	575 202 4070	
Permit No. Halfway Facility / NM1-00	THE RESERVE AND ADDRESS OF THE PARTY OF THE			575-393-1079	The second second
Address 6601 Hobbs Hwy US 62/1	80 Mile Marker 66 Carlsbad,				
NORM READINGS TAKEN? (C	Circle One) YES	NO	f YES, was reading	ng > 50 micro roentgens? (circle one	e) YES NO
PASS THE PAINT FILTER TEST? (C	Circle One)	YES) NO			
ALCOHOLD BY AND ADDRESS OF THE PARTY OF THE		TANK BOTTO	MS		
Feet	In	ches			
1st Gauge			BS8	&W/BBLS Received	BS&W (%)
2nd Gauge				Free Water Total Received	OF THE STREET
Received				- Otto Neccivou	
				THE RESERVE TO SHARP OF THE PARTY OF THE PAR	
I hereby certify that the above load mate	erial has been (circle one).	ACCEPTED DENIED	If denied, why?		1.1
I hereby certify that the above load mate	erial has been (circle one):	ACCEPTED DENIED	If denied, why?		1
I hereby certify that the above load mate	Clo	ACCEPTED DENIED	6	()14	INATURE

Page 351 of 456
Company Man Contact Information

R369	(PLEASE PRI	NT)	Name_	PETE TRUDULO
SOLUTIONS		No. observed	Phone No	1311 215 3432
	GENERAT	FOR	NO.	88872
Operator No.		Permit/RRC No.		
Maya 616 3 Sas		Lease/Well Name & No.	Goonen Fc.	0409 214 11
Operators warne		County	EDPY	STATE OF THE STATE
Address Syll E 200		API No.	30 - 015 -	46609
City, State, Zip	73116	Rig Name & No.		
Phone No.		AFE/PO No.	A ROSE TO SE	
	Jantification and Amount Inlaco		raste type in barrels or cubic yard	le)
Oil Based Muds NON-INJECTA		voiding next to w	INJECTABLE WATERS	(5)
Oil Based Cuttings Washout Wat	er (Non-Injectable)	-	Washout Water (Injectable)	abla)
	luid/Flow back (Non-Injectable) ter (Non-Injectable)	-	Completion Fluid/Flow back (Inject Produced Water (Injectable)	able)
	e Water/Waste (Non-Injectable)	10 / 1 m	Gathering Line Water/Waste (Inject	
Tank Bottoms INTERNAL US			OTHER EXEMPT WASTES (type and g	eneration process of the waste)
E&P Contaminated Soil Truck Washou	ut (exempt waste)			
WASTE GENERATION PROCESS: DRILLING	COMPLETIO	N	PRODUCTION	GATHERING LINES
All non-exempt E&P waste must be a	NON-EXEMPT E&P Waste/Service to			ivity
All non-exempt E&P waste must be a Non-Exempt Other	may sed and be below the threshold		om Non-Exempt Waste List on back	A STATE OF THE PARTY OF THE PAR
- Lange one				
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conservation and Recload is (Check the appropriate classification)	overy Act (RCRA) and the US Environ	mental Protection Ag	gency's July 1988 regulatory determin	ation, the above described waste
Oil field wastes generated from	oil and gas exploration and production	on operations and are	e not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis only)		como escapación		
RCRA NON-EXEMPT: Oil field waste which is non-haza	rdous that does not exceed the mini	mum standards for v	vaste hazardous by characteristics est	rablished in RCRA regulations, 40 CFR
	us waste as defined by 40 CFR, part 2 e appropriate items as provided)	261, subpart D, as am	nended. The following documentation	demonstrating the waste as non-
MSDS Information	RCRA Hazardous Waste Analysis		Other (Provide Description Below)	THE RESIDENCE OF STREET
Wises information	Tiero (nazarabas (vaste / marjon			
Emergency non-hazradous non-	oilfeild waste that has been ordered	by the Department	of Public Safety (the order, document	ation of non-hazardous waste
I EMERGENCY NON-OHEFHID:	of the waste must accompany this fo	erm)	1	The same of
PETE PRUJUO	00.3	36:93	12 8	
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGI	NATURE
	TRANSPO	RTER		Samuel Control
Transporter's		Driver's Name	Dasel 71	TANO
NameAddress		Print Name		
DUDISRAN		Phone No.	7 486 953 7	841
Phone No.		Truck No.	93	7010000
I hereby certify that the above named material(s) was/were picked u	n at the Generator's site listed above	and delivered witho	out incident to the disposal facility list	ed below.
Off 26/03	par me dendrator o site instances	09/2	6/03- 1	
SHIPMENT DATE DRIVER'S SIGNAT	URE	DELIV	VERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL F	ACILITY	RECEIVI	NG AREA
IN: OUT:			Name/No.	
Site Name/		Dhana Na		TO SHAND FOR
Permit No. Halfway Facility / NM1-006	The state of the s	Phone No.	575-393-1079	
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsb	pad, NM 88220		· · · · · · · · · · · · · · · · · · ·	
NORM READINGS TAKEN? (Circle One) YES	NO		ling > 50 micro roentgens? (circle one	YES NO
PASS THE PAINT FILTER TEST? (Circle One)	_YES	NO		
	TANK BOT	TOMS		
Feet	Inches	0.00	S&W/BBLS Received	BS&W (%)
1st Gauge 2nd Gauge	-	BS	Free Water	D30(VV (70)
Received		an Later and the same of the s	Total Received	
and the second s		170		
the sale and the short the sale and the sale	ACCEPTED DENIED	If denied why	He a second second	

Received by OCD: 9/21/2023 10:15:45 AM	V MEXICO NON-HAZARDOUS OILFIELD WASTE N (PLEASE PRINT)	MANIFEST Company Man Contact Information Name Page 352 of 4
VIRBOMENTAL SOLUTIONS	(122,132,17111)	Phone No. (432) 215 5452
	GENERATOR	NO. 588868
Derator No.	Permit/RRC No. Lease/Well	7 See an FC and 2 min
Operators Name	Name & No.	600nch 16 0409 214 H
Address South 906	County	30-015 46608
ity, State, Zip OKLAHOMA CITY - OK	API No.	30 013 70000
hone No. 405 - 386 - 4391 "	Rig Name & No. AFE/PO No.	
MARKET SUNDANDERS AND SOME STREET, SANDERS	e Identification and Amount (place volume next to wa	aste type in barrels or cubic yards)
Dil Based Muds NON-INIEC	TABLE WATERS	INJECTABLE WATERS
	Vater (Non-Injectable) n Fluid/Flow back (Non-Injectable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
	Vater (Non-Injectable) Line Water/Waste (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
ank-Bottoms INTERNAL I	USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
&P Contaminated Soil Truck Wash Gas Plant Waste	nout (exempt waste)	STEEL STORY OF STREET STREET
VASTE GENERATION PROCESS: DRILLING	COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and Amou	
All non-exempt E&P waste must be on-Exempt Other	e analysed and be below the threshold limits for toxicity (TCL) *please select fro.	p), Ignitability, Corrosivity and Reactivity. m Non-Exempt Waste List on back 1
UANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
		ency's July 1988 regulatory determination, the above described waste
MSDS Information EMERGENCY NON-OIL FEIL D. Emergency non-hazradous, no	the appropriate items as provided) RCRA Hazardous Waste Analysis n-oilfeild waste that has been ordered by the Department of n of the waste must accompany this form)	Other (Provide Description Below) f Public Safety (the order, documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
	TRANSPORTER	1 / Service Company of the Company o
ansporter's	Driver's Name	LAZARO ZONEDO
Iddress (AP) state A	Print Name	25 200 7551
STED ON S	Phone No.	545 200 - 2051
one No. 273 200 20 3	Truck No.	00
nereby certify that the above named material(s) was/were picked	up at the Generator's site listed above and delivered withou	t incident to the disposal facility listed below.
SHIPMENT DATE DRIVER'S SIGN	ATURE DELIVER	RY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
N:OUT:		Name/No.
te Name/	Phone No.	
ermit No. Halfway Facility / NM1-006 ddress 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carl		575-393-1079
MORM READINGS TAKEN? (Circle One) VES		ng > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	is 20 meto rocingens: (encic one)
	TANK BOTTOMS	
Feet	Inches	
at Gauge	BS&	W/BBLS Received BS&W (%)
eceived		Total Received
I hereby certify that the above load material has been (circle on	e): AGCEPTED DENIED If denied, why?	
Thereby certify that the above load material has been tended on	Accepted between it defined, why?	Access to the second of the se
NAME (PRINT)	DATE/ TITLE	SIGNATURE
eleased to Imaging: 3/11/2024 1:57:55 PM	TRANSPORTER COPY Pink - GENERATOR SIT	TE COPY Gold - RETURN TO GENERATOR Version

Co	ompany N	lan Cont	act Info	rmatic
Name	TETE	TRUJA	140	
No. Mar.	1422	1310	. 64	5

			Phone No	130 1 010 3 13 2
	GENERAT	OR	NO. 5	88867
Operator No.	The second second second second	Permit/RRC No.	and the latest terminal termin	
Operators Name	12	Lease/Well Name & No.	GOONCY TO	0409 214 H
Address 100 NJ- Will SHI	RE DIV.	County	Epoy	
Suite 306	CA as	API No.	30-015-46	608
City, State, Zip Oftnerom A. Cit	1. OK 13116	Rig Name & No.		
Phone No.	391	AFE/PO No.		
EXEMPT E&P Wa	aste/Service Identification and Amount (place	volume next to wa	ste type in barrels or cubic yard	ls)
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS	Margarian and Margarian	INJECTABLE WATERS Washout Water (Injectable)	E. R. S. S. C. U.S. S. C. S. C.
Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Inject	able)
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)		Produced Water (Injectable) Gathering Line Water/Waste (Injec	table)
Tank Bottoms	INTERNAL USE ONLY	- TO	OTHER EXEMPT WASTES (type and ge	
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)			
WASTE GENERATION PROCESS:	DRILLING COMPLETION		PRODUCTION	GATHERING LINES
CONTRACTOR OF STREET	NON-EXEMPT E&P Waste/Service Ide			
All non-exempt E&P v Non-Exempt Other	waste must be analysed and be below the threshold li		P), Ignitability, Corrosivity and React m Non-Exempt Waste List on back	ivity.
16				
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conser load is (Check the appropriate classification)	vation and Recovery Act (RCRA) and the US Environn	ental Protection Age	ency's July 1988 regulatory determin	ation, the above described waste
RCRA EXEMPT: Oil field wastes g	enerated from oil and gas exploration and production	operations and are	not mixed with non-exempt waste (F	R360 Accepts certifications on a per
load basis only)	nich is non-hazardous that does not exceed the minim	um standards for wa	esta hazardous by characteristics est	ablished in PCPA regulations 40 CEP
	r listed hazardous waste as defined by 40 CFR, part 26			
hazardous is atta	ched. (Check the appropriate items as provided)			
MSDS Informatio	RCRA Hazardous Waste Analysis		Other (Provide Description Below)	
	and the state of t		Dublic Cofee, (b) and on down down as	
I ENTERGENCY NON-OILEELD:	nazradous, non-oilfeild waste that has been ordered b nd a desciption of the waste must accompany this form		Public Safety (the order, documenta	ation of non-nazardous waste
the Trushed	04-	16.66	111	
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGN	ATURE
	TRANSPOR	TER		me prometry to the
Transporter's Name		Driver's Name	ELHE GON	iralis
Address	See The State of t	Print Name	E A TOMANA	A THE PARTY OF THE
		Phone No.	106-648 (AL	DE LA CONTRACTOR DE LA
Phone No. 255 645 127C	3 //	Truck No.	08	and from
I hereby certify that the above named material(s) was	/were picked up at the Generator's site listed above a	nd delivered withou	t incident to the disposal facility liste	d below.
04135/65	Cefe of	1-0-1/-	WK 311 - 1	softeny and an
SHIPMENT DATE TRUCK TIME STANAR	DISPOSAL FA	CHITY	THE RESERVE THE PERSON NAMED IN	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FA	CILITY		NG AREA
IN: OUT:			Name/No.	
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079	0
Address 6601 Hobbs Hwy US 62/180 Mile M	arker 66 Carlsbad, NM 88220	245		
NORM READINGS TAKEN? (Circle One)	YES NO	If YES, was readin	g > 50 micro roentgens? (circle one)	YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES	NO		
	TANK BOTT	OMS		
Feet	Inches	000	W/DDLC Doseins 1	I pco.w./w.
1st Gauge 2nd Gauge		B28	W/BBLS Received Free Water	BS&W (%)
Received	CARLES AND THE LE	100000	Total Received	y and the second
I have by contify that the allowed and account	son (sirela pagh) Aggratra	If donied why?		
I hereby certify that the above load material has be	een (circle one): ACCEPTED DENIED	If denied, why?	AII	MA S
	1/1/2	111		ATILIPE

	Company N	Man Contact	Informati
Name	PETE	TRUJUL-	0
	4231	DIE . G	153

3.					Pho	one No.	54
			GENERAT	OR	NO.	588864	2-18
Operator No.				Permit/RRC No.		300004	
	Movo on 8	TAS		Lease/Well	Coench	FC. 0409 214 H	
Operators Name	1001 W WILSHIE	- 0		Name & No.	Journ (n	10, 0404 0144	
Address	SJ112 206	E Otab		County	20 000	007	
	OKLAHOMA CI	au lastin	2201	API No.	30.012	46608	-
City, State, Zip	100000000000000000000000000000000000000	17 , 04	13110	Rig Name & No.	-11n		15.52
Phone No.	40> - 980 - 1	1391	The State of the Land	AFE/PO No.	NIT		
	EXEMPT E&P Wa	iste/Service Ider	ntification and Amount (place vi	olume next to w	aste type in barrels or	cubic yards)	PARTY.
Oil Based Muds		NON-INJECTABLE			INJECTABLE WATERS		
Oil Based Cutting Water Based Mu		Washout Water		No. of Contract of	Washout Water (Injecta		1
Water Based Cut		Produced Water	I/Flow back (Non-Injectable) (Non-Injectable)	-	Completion Fluid/Flow b Produced Water (Injecta		
Produced Forma	ation Solids	Gathering Line W	/ater/Waste (Non-Injectable)		Gathering Line Water/W		
Tank Bottoms E&P Contaminat	ted Soil	INTERNAL USE O	The second secon		OTHER EXEMPT WASTES	(type and generation process of the waste)
Gas Plant Waste		Truck Washout (exempt waste)				
WASTE GENER	ATION PROCESS:	DRILLING	COMPLETION		PRODUCTION	GATHERING LINES	
		. W				SATITE CONTROL CONTROL	
000	All non-exempt E&P v		ON-EXEMPT E&P Waste/Service iden ysed and be below the threshold lin			and Reactivity	- 10
Non-Exempt Oth			and the second of the second of the	PART AND DESCRIPTION OF THE PARTY OF THE PAR	om Non-Exempt Waste Lis		I Islanda
i e e e e e e e e e e e e e e e e e e e				picuse select fro	om Won-Exempt waste Lis	TO GIT DUCK	
QUANTITY	18		B - BARRELS	L - LIQUID	Y - YAF	RDS E - EAC	Н
I hereby certify th	hat according to the Resource Conser	vation and Recove	ry Act (RCRA) and the US Environme	ntal Protection Ag	zency's July 1988 regulator	y determination, the above described	wasta
	e appropriate classification)	radion and necove	Ty Act (Neilla) and the 05 thirding	ntai i rotection Ag	series and 1986 regulator	y determination, the above described	waste
RCRA EXE	Oil field wastes ge	enerated from oil a	and gas exploration and production of	perations and are	not mixed with non-exem	pt waste (R360 Accepts certifications	on a per
I NCNA EXI	load basis only)				d THE RESIDE		9- A-20-
RCRA NO	ON-EXEMPT: Oil field waste wh	ich is non-hazardo	us that does not exceed the minimu	m standards for w	aste hazardous by charact	eristics established in RCRA regulation	ns, 40 CFR
				, subpart D, as am	ended. The following docu	mentation demonstrating the waste a	as non-
CONTRACTOR OF THE PARTY OF THE			opropriate items as provided)				
	MSDS Information	n	RCRA Hazardous Waste Analysis		Other (Provide Description	on Below)	
	The state of the s						100
EMERGEN					of Public Safety (the order,	documentation of non-hazardous was	ste
POTT	TRUJELO determination an	d a desciption of tr	ne waste must accompany this form	33	alk	大	
(PRII	NT) AUTHORIZED AGENTS NAME	1	0197	ATE	- 100	SIGNATURE	1
				1		333313112	
_	12-111177		TRANSPOR	IEK	PARO		
Transporter's Name	KODIFIE			Driver's Name		DREDO	
Address	partebus			Print Name	2790		1
- Industrial	- HILLSOM)		Print Name		(0.5)	
DI N			- AL	Phone No.			
Phone No.	7 /	1000		Truck No.	3		
I hereby certify th	nat the above named material(s) was/	were picked up at	the Generator's site listed above an	d delivered withou	ut incident to the disposal f	acility listed below.	
/						ATE OF THE PARTY O	
SHIPME	ENT DATE	DRIVER'S SIGNATURE		CONTRACTOR OF THE PARTY OF THE	RY DATE	DRIVER'S SIGNATURE	
	TRUCK TIME STAMP		DISPOSAL FAC	CILITY	RE	ECEIVING AREA	7887
IN:	OUT:				Name/No	50171	
Site Name/					Traine/110	2011	
Permit No.	Halfway Facility / NM1-006			Phone No.	575-393-1079		
Address	6601 Hobbs Hwy US 62/180 Mile Ma	arker 66 Carlshad	NM 88220		The property		15.00
A12				If were	F0 1		
	ORM READINGS TAKEN? (Circle One)	YES	NO		ng > 50 micro roentgens? (circle one) YES	NO
PASS	THE PAINT FILTER TEST? (Circle One)	YE	THE PERSON NAMED IN COLUMN 2 I	10			- 33
		A STATE OF	TANK BOTTO	DMS			1
	Feet	Incl	hes				
1st Gauge		The side		BS8	&W/BBLS Received	BS&W (%)	1
2nd Gauge					Free Water		
Received				AND DESCRIPTION OF THE PARTY OF	Total Received		
I hereby certify	y that the above load material has be	en (circle one)	ACCEPTED DENIED	If denied which		Name and Address of the Owner, where	
Thereby certify	y that the above load material has be	en (Gircle Offe),	ACCEPTED	If denied, why?	111		
maly 1	1/6/41/6	(4)	I()		MILE .	AT PLAN	
W-9 / 1	NAME (PRINT)	DA	TE TI	TLE		SIGNATURE	

(PLEASE PRINT)

	P	ag	e 3	IJ	o j	4
nany Man	Cont	aci	inf	orm	añie	an

Name Pris Touting

SOLUTIONS		988	Phone No. (133) 215 (153		
	GENERAT	OR	NO. 631639		
Operator No.	The state of the s	Permit/RRC No.	OJ TOJO		
Operators Name Mova ouv	3 GAS	Lease/Well Name & No.	500nch FC 0409 214 H		
	HEE BLVD	County	EDDY		
	06	API No.	30 - 015 - 46084		
city, state, zip	CITY OK 73116	Rig Name & No.	1) A		
Phone No.	186 - 4391	AFE/PO No.	and the state of t		
	Vaste/Service Identification and Amount (place v	volume next to w	raste type in barrels or cubic yards)		
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)		Washout Water (Injectable)		
Water Based Muds	Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)		Completion Fluid/Flow back (Injectable) Produced Water (Injectable)		
Water Based Cuttings Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)		
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY Truck Washout (exempt waste)		OTHER EXEMPT WASTES (type and generation process of the waste)		
Gas Plant Waste					
WASTE GENERATION PROCESS:	DRILLING COMPLETION	L company H	PRODUCTION GATHERING LINES		
	NON-EXEMPT E&P Waste/Service Ide				
All non-exempt E& Non-Exempt Other	P waste must be analysed and be below the threshold lin		om Non-Exempt Waste List on back		
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS E - EACH		
	servation and Recovery Act (RCRA) and the US Environm	iental Protection Ag	gency's July 1988 regulatory determination, the above described waste		
load is (Check the appropriate classification)	s generated from oil and gas exploration and production	operations and are	e not mixed with non-exempt waste (R360 Accepts certifications on a per		
RCRA EXEMPT: load basis only		ramsofraciate	d Strickie in technic for saltings - Cremen		
RCRA NON-EXEMPT: Oil field waste	which is non-hazardous that does not exceed the minim	num standards for w	waste hazardous by characteristics established in RCRA regulations, 40 CFR		
	, or listed hazardous waste as defined by 40 CFR, part 26 ttached. (Check the appropriate items as provided)	or, subpart D, as am	nended. The following documentation demonstrating the waste as non-		
MSDS Informa	tion RCRA Hazardous Waste Analysis	4500000	Other (Provide Description Below)		
	A 100 May 100				
			of Public Safety (the order, documentation of non-hazardous waste		
P=== Telling	and a desciption of the waste must accompany this form	7 73	012		
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGNATURE		
all a patient symbols promises	TRANSPOR	RTER	then! utenition		
Transporter's		Driver's Name	Rotath Sunka Zuma		
Address Address		Print Name	781.802 1667		
line made and a side of the		Phone No.			
Phone No.		Truck No.	91		
I hereby certify that the above named material(s) w	vas/were picked up at the Generator's site listed above a	and delivered witho	out incident to the disposal facility listed below.		
6-17-25	Sh	5-1	ERY DATE DRIVER'S SIGNATURE		
SHIPMENT DATE	DISPOSAL FA	CUITY	RECEIVING AREA		
TRUCK TIME STAM	DISPOSAL FA	ICILITY	Name/No.		
IN:OUT:			Name/No.		
Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079		
Address 6601 Hobbs Hwy US 62/180 Mile	Marker 66 Carlsbad, NM 88220	The second			
NORM READINGS TAKEN? (Circle O	ne) YES NO	If YES, was read	ling > 50 micro roentgens? (circle one) YES NO		
PASS THE PAINT FILTER TEST? (Circle One) YES NO					
	TANK BOTT	TOMS	dense on a jud consent plenois.		
Feet	Inches	RS	&W/BBLS Received BS&W (%)		
1st Gauge 2nd Gauge		ВЗ	Free Water		
Received	11		Total Received		
I hereby certify that the above load material has	s been (circle one): ACCEPTED DENIED	If denied, why	R		
Thereby certify that the above load material ha	(43		The second second second second		
NAME (PRINT)	DATE	TITLE	SIGNATURE		

(PLEASE PRINT)

	Page 330 of 43
Company Man	Contact Information
A	

Name_

	GEN	ERATOR	NO. 021622
Omerator No	GLIC	Permit/RRC No.	631638
Operator Name	OAS	Lease/Well	Carta Co Ouga Swell
and a late to		Name & No.	GODACH FC OVO9 214 H
Address 1001 W WILST	IRE BLVD	County	70-015 - 44094
City, State, Zip OK LAHOMA CITY	OK 73116	API No. Rig Name & No.	30 VIS 90087
Phone No. (*405.) 286	4391	AFE/PO No.	
Carl and	aste/Service Identification and Amour		aste type in harrels or rubic yards
Oil Based Muds	NON-INJECTABLE WATERS	it (place volume next to we	INJECTABLE WATERS
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable)	- Inle	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
Water Based Outlings	Completion Fluid/Flow back (Non-Injectal Produced Water (Non-Injectable)	Die)	Produced Water (Injectable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injecta INTERNAL USE ONLY	able)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)		OTTEN CAPACITE CLASS and Generation process of the March
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING COM	APLETION	PRODUCTION GATHERING LINES
		Service Identification and Amo	unt
All non-exempt E&P	waste must be analysed and be below the the		The state of the same of the s
Non-Exempt Other	Try - State - 100	*please select fro	m Non-Exempt Waste List on back
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conse	rvation and Recovery Act (RCRA) and the US	S Environmental Protection Age	ency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)			mu, nemeral tribution in the side and had
RCRA EXEMPT: Oil field wastes g load basis only)	enerated from oil and gas exploration and p	production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a per
	hich is non-hazardous that does not exceed	the minimum standards for wa	aste hazardous by characteristics established in RCRA regulations, 40 CFR
261.21-261.24, o	r listed hazardous waste as defined by 40 C	FR, part 261, subpart D, as ame	ended. The following documentation demonstrating the waste as non-
	ched. (Check the appropriate items as prov		Other (Dury ide Description Polary)
MSDS Information	n RCRA Hazardous Waste	Analysis	Other (Provide Description Below)
Emergency non-	pazradous non-oilfeild waste that has been	ordered by the Department of	Public Safety (the order, documentation of non-hazardous waste
1 FMFR(3FN(Y N()N-())) FFII 1):	nd a desciption of the waste must accompan		man /) motional
PETE TENDILLO		05 - 17 - 23	SIGNATURE
(PAINT) AUTHORIZED AGENTS WANTE	TDAN		Signature
	IKAN	SPORTER	AND THE RESERVE OF THE PARTY OF
Transporter's Name		Driver's Name	Scarel Francisco
Address		Print Name	There william
DARICBAN		Phone No.	786 353 3841
Phone No.		Truck No.	97
I hereby certify that the above named material(s) was	s/were picked up at the Generator's site list	ed above and delivered withou	it incident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVE	BY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP			RECEIVING AREA
The state of the s	DISTOS	ALTACILITI	Name/No.
	The same		Numerica (
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile N	Marker 66 Carlsbad, NM 88220	insignation and the	ingersphone kind in 18 and 18 and 18 and 18
NORM READINGS TAKEN? (Circle One	YES NO	If YES, was reading	ng > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One	YES	NO	Bild a proper to deposit on
	TANK	BOTTOMS	
Tet Gauge	Inches	RSS	&W/BBLS Received BS&W (%)
1st Gauge 2nd Gauge		1000	Free Water
Received		Experience and a second	Total Received
I hereby certify that the above load material has b	een (circle one): ACCEPTED	DENIED If denied, why?	and the second second second second
Thereby certify that the above load material has b	The state of the s	, comes, my	Con expression region
NAME (PRINT)	DATE	TITLE	SIGNATURE

		MEXICO NON-HAZARDO	E PRINT)	Name	Company Man Copiact Information
ONMENTAL SOLUTIONS		(I EEASI	Table 1	Phone No.	(432) 215 - 45 52
		GENE	RATOR	NO.	31637
perator No.		1000	Permit/RRC No.	(c) Caralla Ca	0.1.001
perators Name	605 3 016		Lease/Well Name & No.	Goonen F	C 0409 214 H
Idress 1001 W	WILSHIRE BLV	D	County	EDDY	W 100
ty. State, Zip OKIAM	SMITE 306	3116	API No. Rig Name & No.	30-012	- 46084
ty, State, Zip	2.7	to contra	AFE/PO No.	DIA	
EXE	MPT E&P Waste/Service Id	lentification and Amount (place volume next to w	aste type in barrels or cubic ya	rds)
il Based Muds il Based Cuttings	NON-INJECTAL Washout Wate	BLE WATERS er (Non-Injectable)		INJECTABLE WATERS Washout Water (Injectable)	
/ater Based Muds /ater Based Cuttings	Completion Flo	uid/Flow back (Non-Injectable ter (Non-Injectable))	Completion Fluid/Flow back (Inje Produced Water (Injectable)	ctable)
roduced Formation Solids	Gathering Line	Water/Waste (Non-Injectable	e)	Gathering Line Water/Waste (Inje	
ank Bottoms &P Contaminated Soil	Truck Washou	t (exempt waste)		OTHER EXEMPT WASTES (type and	generation process of the waster
as Plant Waste /ASTE GENERATION PROCESS:	DRILLING	СОМРІ	LETION	PRODUCTION	GATHERING LINES
· · · · · · · · · · · · · · · · · · ·		NON-EXEMPT E&P Waste/Ser			
	-exempt E&P waste must be a	nalysed and be below the thre		LP), Ignitability, Corrosivity and Rea om Non-Exempt Waste List on bac	
on-Exempt Other					
UANTITY		B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
ereby certify that according to the Re		overy Act (RCRA) and the US E	nvironmental Protection Ag	gency's July 1988 regulatory determ	nination, the above described waste
RCRA EXEMPT:		oil and gas exploration and pro	duction operations and are	not mixed with non-exempt waste	(R360 Accepts certifications on a per
loa	ad basis only)		and the same about a same	weste heaverdous by sharastoristics s	established in RCRA regulations, 40 CF
RCRA NON-EXEMPT: Oil	1.21-261.24, or listed hazardor	us waste as defined by 40 CFR	, part 261, subpart D, as am	ended. The following documentation	on demonstrating the waste as non-
	zardous is attached. (Check the	The street of th		la. G a.	
L NA	SDS Information	RCRA Hazardous Waste A			
M	THE RESERVE OF THE PARTY OF THE		nalysis	Other (Provide Description Below	
	nergency non-hazradous, non-				
EMERGENCY NON-OILFEILD: de	etermination and a desciption of	oilfeild waste that has been or	dered by the Department of	of Public Safety (the order, documen	
TAKEDOTACY NON OUTSUD. En	etermination and a desciption of	oilfeild waste that has been or	dered by the Department of	of Public Safety (the order, docume	
EMERGENCY NON-OILFEILD: de	etermination and a desciption of	oilfeild waste that has been or of the waste must accompany	dered by the Department of	of Public Safety (the order, docume	ntation of non-hazardous waste
EMERGENCY NON-OILFEILD: En de (PRINT) AUTHORIZED AGENTS NAM	etermination and a desciption of	oilfeild waste that has been or of the waste must accompany	rdered by the Department of this form)	of Public Safety (the order, docume	ntation of non-hazardous waste
EMERGENCY NON-OILFEILD: En de	etermination and a desciption of	oilfeild waste that has been or of the waste must accompany	rdered by the Department of this form) DATE PORTER	of Public Safety (the order, docume	ntation of non-hazardous waste
EMERGENCY NON-OILFEILD: En de de (FRINT) AUTHORIZED AGENTS NAN (FR	etermination and a desciption of	oilfeild waste that has been or of the waste must accompany	DATE PORTER Driver's Name Print Name Phone No.	of Public Safety (the order, docume	ntation of non-hazardous waste
EMERGENCY NON-OILFEILD: en de de (PRINT) AUTHORIZED AGENTS NAA. cansporter's aame enddress	etermination and a desciption of	oilfeild waste that has been or of the waste must accompany TRANS	Driver's Name Print Name Phone No. Truck No.	of Public Safety (the order, documents)	IGNATURE
EMERGENCY NON-OILFEILD: En de de (PRINT) AUTHORIZED AGENTS NAA. Fransporter's aame ddress	etermination and a desciption of	oilfeild waste that has been or of the waste must accompany TRANS	Driver's Name Print Name Phone No. Truck No.	of Public Safety (the order, documents)	IGNATURE
EMERGENCY NON-OILFEILD: En de de (PRINT) AUTHORIZED AGENTS NAM ransporter's ame ddress en one No. Thereby certify that the above named in the second	material(s) was/were picked u	TRANS oilfeild waste that has been or of the waste must accompany TRANS	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	of Public Safety (the order, documents) state of Public Safety (the ord	IGNATURE Sted below. DRIVER'S SIGNATURE
EMERGENCY NON-OILFEILD: En de de (PRINT) AUTHORIZED AGENTS NAN PRAISE PROPERTY SAME PROPERTY SAME PROPERTY SAME PROPERTY SAME PROPERTY SAME PROPERTY SAME PROPERTY DATE TRUCK TIM	material(s) was/were picked u	TRANS p at the Generator's site listed	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	ut incident to the disposal facility li	IGNATURE
EMERGENCY NON-OILFEILD: en de de (PRINT) AUTHORIZED AGENTS NAM (PR	material(s) was/were picked u	TRANS oilfeild waste that has been or of the waste must accompany TRANS	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho	of Public Safety (the order, documents) state of Public Safety (the ord	IGNATURE Sted below, DRIVER'S SIGNATURE
EMERGENCY NON-OILFEILD: En de de (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAM	material(s) was/were picked up DRIVER'S SIGNATU E STAMP DUT:	TRANS p at the Generator's site listed	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	ut incident to the disposal facility li	IGNATURE Sted below. DRIVER'S SIGNATURE
emergency non-oilfeild: En de de (PRINT) AUTHORIZED AGENTS NAN cansporter's ame eddress en one No. SHIPMENT DATE TRUCK TIM N: te Name/ ermit No. ddress Halfway Facility / NN 6601 Hobbs Hwy US	material(s) was/were picked up DRIVER'S SIGNATU E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsb	TRANS TRANS p at the Generator's site listed URE DISPOSA	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Print No. Above and DELIVIAL PACILITY	ut incident to the disposal facility li RECEIN Name/No.	INTRACTOR OF NON-hazardous waste
emergency non-oilfeild: En de	material(s) was/were picked up DRIVER'S SIGNATU E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsb EN? (Circle One) YES	TRANS p at the Generator's site listed	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Print No. Above and DELIVIAL PACILITY	of Public Safety (the order, documents) state of Public Safety (the ord	INTRACTOR OF NON-hazardous waste
EMERGENCY NON-OILFEILD: En de	material(s) was/were picked up DRIVER'S SIGNATU E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsb EN? (Circle One) YES	TRANS TRANS TRANS DISPOSA ad, NM 88220 NO	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Phone No. If YES, was read	ut incident to the disposal facility li RECEIN Name/No.	INTRACTOR OF NON-hazardous waste
ransporter's ame ddress thone No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. SHIPMENT DATE TRUCK TIM N: the Name/ ermit No. ddress NORM READINGS TAKE PASS THE PAINT FILTER TESTER Feet	material(s) was/were picked up DRIVER'S SIGNATI E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsb EN? (Circle One) ST? (Circle One)	TRANS TRANS TRANS DISPOSA ad, NM 88220 NO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Phone No. OTTOMS	ut incident to the disposal facility li ERY DATE RECEIV Name/No. 575-393-1079 ling > 50 micro roentgens? (circle or	IGNATURE Sted below. DRIVER'S SIGNATURE VING AREA
ransporter's ame ddress hone No. hereby certify that the above named of the service of the serv	material(s) was/were picked up DRIVER'S SIGNATI E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsb EN? (Circle One) ST? (Circle One)	TRANS TRANS TRANS P at the Generator's site listed DISPOSA ad, NM 88220 NO YES TANK B	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Phone No. OTTOMS	ut incident to the disposal facility li RECEIN Name/No.	INTERIOR OF NON-hazardous waste INTERIOR OF NON-hazardous waste INTERIOR OF NON-hazardous waste
ransporter's ame ddress thone No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. thereby certify that the above named in the No. SHIPMENT DATE TRUCK TIM N: the Name/ ermit No. ddress NORM READINGS TAKE PASS THE PAINT FILTER TESTER Feet	material(s) was/were picked up DRIVER'S SIGNATI E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsb EN? (Circle One) ST? (Circle One)	TRANS TRANS TRANS P at the Generator's site listed DISPOSA ad, NM 88220 NO YES TANK B	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Phone No. OTTOMS	ut incident to the disposal facility li ERY DATE RECEIV Name/No. 575-393-1079 ling > 50 micro roentgens? (circle or	IGNATURE Sted below. DRIVER'S SIGNATURE VING AREA
ransporter's ame ddress hone No. hereby certify that the above named of the service of the ser	material(s) was/were picked up DRIVER'S SIGNATU E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsbe EN? (Circle One) ST? (Circle One)	TRANS TRANS TRANS P at the Generator's site listed ad, NM 88220 NO YES TANK B Inches	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Phone No. OTTOMS	ut incident to the disposal facility li ERY DATE RECEIV Name/No. 575-393-1079 ling > 50 micro roentgens? (circle or line) (circle or line	IGNATURE Sted below. DRIVER'S SIGNATURE VING AREA
EMERGENCY NON-OILFEILD: En de de de (PRINT) AUTHORIZED AGENTS NAA. Fansporter's ame didress Finone No. SHIPMENT DATE TRUCK TIM N: C. TRUCK TIM N: Feet Feet St Gauge and Gauge eceived	material(s) was/were picked up DRIVER'S SIGNATU E STAMP DUT: M1-006 62/180 Mile Marker 66 Carlsbe EN? (Circle One) ST? (Circle One)	TRANS TRANS TRANS P at the Generator's site listed ad, NM 88220 NO YES TANK B Inches	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without the print Name Phone No. If YES, was react NO OTTOMS BS	ut incident to the disposal facility li ERY DATE RECEIV Name/No. 575-393-1079 ling > 50 micro roentgens? (circle or line) (circle or line	IGNATURE Sted below. DRIVER'S SIGNATURE VING AREA

Received OCD: 9/21/2023 10:15:45 Al	NEW MEXICO NON-HAZARDOUS OILFIELD WASTE (PLEASE PRINT)	MANIFEST Company Man Contact in 38 may 2.
ENTINOMENTAL SOLUTIONS		Phone No. (182) 215 5452
	GENERATOR	NO. 631641
Operator No.	Permit/RRC No.	031041
Operators Name Hovo on 3 6A3	Name & No.	GOODAL EC DYDG 214 11
Address 1001 W WILSHIRE	BEND	1004
WITE 306	API No.	30 - 015 - 46084
City, State, Zip Phone No.	0x 73116 Rig Name & No.	Walter Company of the
	ALC/10 No.	Color managed and a color of the color
	ervice Identification and Amount (place volume next to w INJECTABLE WATERS	
Oil Based Cuttings Wash	nout Water (Non-Injectable)	INJECTABLE WATERS Washout Water (Injectable)
	pletion Fluid/Flow back (Non-Injectable)uced Water (Non-Injectable)	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)
Produced Formation Solids Gath	ering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
TOD Comban 1 1 1 TO The	RNAL USE ONLY K Washout (exempt waste)	OTHER EXEMPT WASTES (type and generation process of the waste)
Gas Plant Waste		Service of the servic
WASTE GENERATION PROCESS: DRILL	LING COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and Amo	ount
Non-Exempt Other	nust be analysed and be below the threshold limits for toxicity (TCI	
	*please select fro	om Non-Exempt Waste List on back
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conservation	and Recovery Act (RCRA) and the US Environmental Protection Ag	rency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)	od from oil and gas suplementary and any during the control of	when constructed the service property consists
RCRA EXEMPT: load basis only)	and and gas exploration and production operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA NON-EXEMPT: Oil field waste which is n	on-hazardous that does not exceed the minimum standards for w	raste hazardous by characteristics established in RCRA regulations, 40 CFR
261.21-261.24, or listed	hazardous waste as defined by 40 CFR, part 261, subpart D, as ame Check the appropriate items as provided)	ended. The following documentation demonstrating the waste as non-
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
		other (Frontic Bescription Below)
EMERGENCY NON-OILFEILD: Emergency non-hazrado	us, non-oilfeild waste that has been ordered by the Department of	f Public Safety (the order, documentation of non-hazardous waste
determination and a des	ciption of the waste must accompany this form)	DI TIS
(PRINT) AUTHORIZED AGENTS NAME	05·17-23 DATE	SIGNATURE
Of THE	TRANSPORTER	JAFATIC 53
Transporter's	New York Control of the Control of t	11/11/11/11/11/11/11/11
Name	Driver's Name	308031667
Address	Print Name	A partie and and
Phone No.	Phone No.	1/
	Truck No.	73 0
Thereby certify that the above named material(s) was/were p	icked up at the Generator's site listed above and delivered withou	it incident to the disposal facility listed below.
SHIPMENT DATE DRIVER	'S SIGNATURE DELIVER	RY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:		Name/No.
Site Name/	Dhana Na	and the second second
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hury LIS 62/180 Mile Marker 66	The second secon	575-393-1079
3001 Hobbs Hwy 03 02/180 Mile Market 00	No of the last of	
	a control of the latest and the second of th	ng > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	
Feet	Inches	All the control of th
1st Gauge		W/BBLS Received BS&W (%)
2nd Gauge Received		Free Water
neceived		Total Received
I hereby certify that the above load material has been (circ	le one): ACCEPTED DENIED If denied, why?	
	2/10/73 04	to the state of th
NAME (PRINT)	DATE TITLE	SIGNATURE

Received by OCD: 9/21/2023 10:15	:45 AM NEW MEXICO NON-H	HAZARDOUS OILFIELD WASTE (PLEASE PRINT)	MANIFEST Company	y Man Co Rage 359 of 45 0
		Country Country	Phone No. 4331	
		GENERATOR	NO. 6216	100
Operator No.	- Charles	Permit/RRC No.	6316	44
Operators Name	SAS	Lease/Well Name & No.	GOONCH FC QUO	9 216 11
Address 1001 W. Wils	TAY V	County	FADY	dra for another
City, State, Zip	A SHIP OF THE PARTY OF THE PART	API No.	30.016.4608	y management
Phone No.	(134 DK 13116	Rig Name & No.		OR CHARLES
		AFE/PO No.	mineral Mary Maria	Line Market
Oil Based Muds	Waste/Service Identification and NON-INJECTABLE WATERS	Amount (place volume next to w	vaste type in barrels or cubic yards)	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Cuttings	Completion Fluid/Flow back (Non Produced Water (Non-Injectable)		Completion Fluid/Flow back (Injectable) Produced Water (Injectable)	T Karrin salten al
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Nor INTERNAL USE ONLY	n-Injectable)	Gathering Line Water/Waste (Injectable)	
E&P Contaminated Soil	Truck Washout (exempt waste)	Oley State Opening	OTHER EXEMPT WASTES (type and generation	process of the waste)
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING		and the same of th	
The state of the s		COMPLETION		ERING LINES
All non-exempt E&I	NON-EXEMPT E&P waste must be analysed and be belo	Waste/Service Identification and Ame	ount LP), Ignitability, Corrosivity and Reactivity.	
Non-Exempt Other			om Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Consload is (Check the appropriate classification)	ervation and Recovery Act (RCRA) and	the US Environmental Protection Ag		
201.21	which is non-hazardous that does not or or listed hazardous waste as defined b cached. (Check the appropriate items a	as provided)	aste hazardous by characteristics established ended. The following documentation demonst Other (Provide Description Below)	n RCRA regulations, 40 CFR rating the waste as non-
EMERGENCY NON-OILFEILD: Emergency non-determination a	and a description of the waste must acc	s been ordered by the Department of company this form) DATE ANSPORTER	F Public Safety (the order, documentation of no	on-hazardous waste
Transporter's				DELLOSSE -
Name Address	The same	Driver's Name	Wesel FRAN	ce
20 2 10 Dr	1	Print Name	507 176 \$ 1834	
Phone No.		Phone No. Truck No.	7067337891	CSELL COLORS
hereby certify that the above named material(s) was	s/were picked up at the Generator's s		t incident to the discoult office that the	THE PROPERTY AND ADDRESS OF THE PARTY OF THE
(17/19/)		05/4	t includent to the disposal facility listed below.	
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVER	Y DATE DRIVER'S S	GNATURE
TRUCK TIME STAMP IN: OUT:	DISP	OSAL FACILITY	RECEIVING AR	EA
		San Transfer in	Name/No.	
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079	Aspense in
Address 6601 Hobbs Hwy US 62/180 Mile M	larker 66 Carlsbad, NM 88220	min schredusing at	575-355-1075	Designation of
NORM READINGS TAKEN? (Circle One)		If YES, was reading	g > 50 micro roentgens? (circle one) YE	S AIO
PASS THE PAINT FILTER TEST? (Circle One)		NO	And the same of th	S NO
	TAN	IK BOTTOMS	and the proof of the control of the	Interior and the
St Gauge Feet	Inches	AND AND THE PARTY OF THE PARTY	Colonia Service (All Controls)	ACAMA 2005
2nd Gauge		BS&V	N/BBLS Received BS&W	(%)
Received			Total Received	and a second
I hereby certify that the above load material has be	een (circle one): ACCEPTED	DENIED If denied at 2		
1 1 1 1 1 MALL	5 ACCEPTED	DENIED If denied, why?	The state of the s	Section Sectin Section Section Section Section Section Section Section Section
NAME (PRINT)	DATE	TITLE	SIGNATURE	()
120			TO THE PART OF THE	
-138 White - R360, ORIGINAL	TRANSPORTER COR	PY Pink - GENERATOR SITE	COPY Gold - PETLIPN TO CENER	ATOR Marie 1

	5:45 AWW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)	Company Man Contact Information 456 Name
ENVIRONMENTAL SOLUTIONS		Phone No.
	GENERATOR N	0. 621625
Operator No.	Permit/RRC No.	631625
Operators Name	Lease/Well Name & No.	nu Fr nung Die u
Address		Congress that a progress of the
SVITE 2		015 46084
City, State, Zip	Rig Name & No.	A Charles of State of Association of
Phone No. 405) 386	AFE/PO No.	100 minutes A and 150 minutes 100 minutes
	Vaste/Service Identification and Amount (place volume next to waste type in barrels	The state of the s
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Washout Water (Injectable)	CONTRACTOR OF THE PARTY OF THE
Water Based Muds	Completion Fluid/Flow back (Non-Injectable) Completion Fluid/Flow	w back (Injectable)
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) Produced Water (Injectable) Gathering Line Water	
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY Truck Washout (exempt waste)	FES (type and generation process of the waste)
Gas Plant Waste	Truck Washout (Exempt waste)	
WASTE GENERATION PROCESS:	DRILLING COMPLETION PRODUCTION	GATHERING LINES
All non-exempt E&P	NON-EXEMPT E&P Waste/Service Identification and Amount P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosi	vity and Reactivity.
Non-Exempt Other	*please select from Non-Exempt Wast	e List on back
QUANTITY	B - BARRELS L - LIQUID Y -	YARDS E - EACH
	servation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regula	
load is (Check the appropriate classification)		no zanice imerativa (in inchi
RCRA EXEMPT: Oil field wastes a load basis only)	generated from oil and gas exploration and production operations and are not mixed with non-ex	empt waste (R360 Accepts certifications on a per
	/ which is non-hazardous that does not exceed the minimum standards for waste hazardous by cha	racteristics established in RCRA regulations, 40 CFR
261.21-261.24, 0	or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following d	
hazardous is atta	tached. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Descr	ntion Relow)
WISDS INFORMATION	THE PARTICULAR TO SEE THAT STATE OF THE SECONDARY TO SEE THAT STATE OF THE SECONDARY TO SECONDARY	
EMERGENCY NON-OILFEILD: Emergency non-	n-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the orc	er, documentation of non-hazardous waste
determination a	and a desciption of the waste must accompany this form)	
(PRINT) AUTHORIZED AGENTS NAME	Mr. H. 13	
	DATE	SIGNATURE
	TRANSPORTER	SIGNATURE
Transporter's		SIGNATURE
Name LodiAL	TRANSPORTER Driver's Name	SIGNATURE
	TRANSPORTER	SIGNATURE
Name / Od/A/	TRANSPORTER Driver's Name Print Name	SIGNATURE THE STATE OF THE STA
Name Address Phone No.	TRANSPORTER Driver's Name Print Name Phone No.	7153 9841
Phone No. I hereby certify that the above named material(s) wa	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Truck No. Truck No.	sal facility listed below.
Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE.	TRANSPORTER Driver's Name Print Name Phone No. Truck No. as/were picked up at the Generator's site listed above and delivered without incident to the disposition of the dispositio	sal facility listed below. DRIVER'S SIGNATURE
Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAME	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY DISPOSAL FACILITY	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA
Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAME IN: OUT:	TRANSPORTER Driver's Name Print Name Phone No. Truck No. as/were picked up at the Generator's site listed above and delivered without incident to the disposition of the dispositio	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA
Name Address Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAME IN: OUT: Site Name/	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY DISPOSAL FACILITY	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA
Name Address Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAME IN: OUT: Site Name/	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. 575-393-1079	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA
Name Address Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAME IN: OUT: Site Name/ Permit No. Halfway Facility / NM1-006	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Name/ Phone No. 575-393-1079 Marker 66 Carlsbad, NM 88220	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No.
Name Address Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAME IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile N	TRANSPORTER Driver's Name Print Name Phone No. Truck No. as/were picked up at the Generator's site listed above and delivered without incident to the disposation of the disposation	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No.
Name Address Phone No. I hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAME IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circle One)	TRANSPORTER Driver's Name Print Name Phone No. Truck No. as/were picked up at the Generator's site listed above and delivered without incident to the disposation of the disposation	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No.
Phone No. I hereby certify that the above named material(s) was shipment date. TRUCK TIME STAME IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile N NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. 575-393-1079 Marker 66 Carlsbad, NM 88220 TANK BOTTOMS Inches	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No. as? (circle one) YES NO
Phone No. I hereby certify that the above named material(s) was shipment date. TRUCK TIME STAME IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile N NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. 575-393-1079 Marker 66 Carlsbad, NM 88220 DRIVER'S NO If YES, was reading > 50 micro roentger NO TANK BOTTOMS Inches BS&W/BBLS Received Free Water	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No.
Phone No. I hereby certify that the above named material(s) was shipment date. TRUCK TIME STAME IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address Halfway Facility / NM1-006 Address Halfway Facility / NM1-006 Feet 1st Gauge	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. 575-393-1079 Marker 66 Carlsbad, NM 88220 TANK BOTTOMS Inches Driver's Name Phone No. TYPES NO If YES, was reading > 50 micro roentget No. TANK BOTTOMS Inches BS&W/BBLS Received	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No. as? (circle one) YES NO
Phone No. I hereby certify that the above named material(s) was shipment date. TRUCK TIME STAMF IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile N NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One 1st Gauge 2nd Gauge Received	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. 575-393-1079 Marker 66 Carlsbad, NM 88220 TANK BOTTOMS Inches BS&W/BBLS Received Free Water Total Received	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No. as? (circle one) YES NO
Phone No. I hereby certify that the above named material(s) was shipment date. TRUCK TIME STAMF IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One Feet 1st Gauge 2nd Gauge	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. 575-393-1079 Marker 66 Carlsbad, NM 88220 TANK BOTTOMS Inches BS&W/BBLS Received Free Water Total Received	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No. as? (circle one) YES NO
Phone No. I hereby certify that the above named material(s) was shipment date. TRUCK TIME STAMF IN: OUT: Site Name/ Permit No. Address Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile N NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One 1st Gauge 2nd Gauge Received	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. 575-393-1079 Marker 66 Carlsbad, NM 88220 TANK BOTTOMS Inches BS&W/BBLS Received Free Water Total Received	sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA No. as? (circle one) YES NO

Received by OCD: 9/21/2023 10:15:45 AM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Man Confession 362 of 456 (PLEASE PRINT) Phone No. GENERATOR Permit/RRC No. rator No. Lease/Well Name & No erators Name County ress API No. Rig Name & No. , State, Zip AFE/PO No. ne No. EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) **Based Muds** Washout Water (Injectable) **Based Cuttings** Completion Fluid/Flow back (Injectable) Completion Fluid/Flow back (Non-Injectable) ater Based Muds Produced Water (Injectable) Produced Water (Non-Injectable) eter Based Cuttings Gathering Line Water/Waste (Injectable) Gathering Line Water/Waste (Non-Injectable) oduced Formation Solids nk Bottoms Truck Washout (exempt waste) P Contaminated Soil s Plant Waste PRODUCTION **GATHERING LINES** COMPLETION ASTE GENERATION PROCESS DRILLING analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity *please select from Non-Exempt Waste List on back n-Exempt Other I - HOUID B - BARRELS ANTITY ereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste d is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) RCRA Hazardous Waste Analysis Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) SIGNATURE **TRANSPORTER** ansporter's Driver's Name me **Print Name** dress Phone No. Truck No. one No. nereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DRIVER'S SIGNATURE DELIVERY DATE SHIPMENT DATE DRIVER'S SIGNATURE RECEIVING AREA DISPOSAL FACILITY TRUCK TIME STAMP Name/No. OUT: V: te Name/ Phone No. 575-393-1079 Halfway Facility / NM1-006 ermit No. 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 ddress YES If YES, was reading > 50 micro roentgens? (circle one) NO NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One) ANK BOTTOMS Inches Feet BS&W (%) BS&W/BBLS Received st Gauge nd Gauge Total Received eceived DENIED If denied, why? ACCEPTED I hereby certify that the above load material has been (circle one): SIGNATURE DATE NAME (PRINT)

Received by OCD	: 9/21/2023 10:15.		NEDATOR	NO. co	Page 363 of
		GE	NERATOR	made Jeve - notion 63	626 mano
Operator No.	1211/13/57/01		Permit/RRC No. Lease/Well	Live State of the	- Department of the same of th
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Phone No.	1402) 381	. 4391	AFE/PO No.	and the second s	
	EXEMPT E&P Wa	aste/Service Identification and Am	ount (place volume next to v	waste type in barrels or cubic yards	
Oil Based Muds	Description of the	NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)	- antable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)	ole)
Water Based Muds	-	Completion Fluid/Flow back (Non-Inj Produced Water (Non-Injectable)	ectable)	Produced Water (Injectable)	
Water Based Cuttings Produced Formation Solid	S	Gathering Line Water/Waste (Non-In	jectable)	Gathering Line Water/Waste (Injecta	ble)
Tank Bottoms	The state of the s	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and gen	eration process of the waste)
E&P Contaminated Soil	XID	Truck Washout (exempt waste)		O. C. Martine	The second second
Gas Plant Waste		BRULING D	COMPLETION	PRODUCTION	GATHERING LINES
WASTE GENERATION P	ROCESS:	Bittetito			
		NON-EXEMPT E&P Wa	ste/Service Identification and An	nount	ity
THE REAL PROPERTY.	All non-exempt E&P	waste must be analysed and be below	he threshold limits for toxicity (T	CLP), Ignitability, Corrosivity and Reactiv	ICV.
Non-Exempt Other			*please select j	from Non-Exempt Waste List on back	
The state of the s			L - LIQUID	Y - YARDS	E - EACH
QUANTITY	18	B - BARRELS			
I hereby certify that accord	ding to the Resource Conse	rvation and Recovery Act (RCRA) and t	he US Environmental Protection A	Agency's July 1988 regulatory determina	tion, the above described waste
load is (Check the appropr	riate classification)				
DODA SYSAADT	Oil field wastes g	generated from oil and gas exploration	and production operations and a	re not mixed with non-exempt waste (R.	360 Accepts certifications on a per
RCRA EXEMPT:	load basis only)				blished in DCDA regulations 40 CER
RCRA NON-EXEMP	PT: Oil field waste w	hich is non-hazardous that does not ex	ceed the minimum standards for	waste hazardous by characteristics esta	demonstrating the waste as non-
	261.21-261.24,	or listed hazardous waste as defined by	40 CFR, part 261, subpart D, as a	mended. The following documentation	demonstrating the waste as non-
	hazardous is atta	ached. (Check the appropriate items as	And the second s	Other (Provide Description Below)	
	MSDS Informati	on RCRA Hazardous V	Vaste Analysis	Other (Provide Description Below)	
				THE RESERVE TO SEC.	f hdays wasta
EMERGENCY NON-	OIL FEILD: Emergency non-	hazradous, non-oilfeild waste that has	been ordered by the Department	t of Public Safety (the order, documenta	non or non-nazardous waste
	determination a	nd a desciption of the waste must acco	impany this form,		Angel and the same
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Phone No.	Common Dest Share requests		Truck No.	911	States and states of the
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	and the language of the		Phone No.	EZE 202 1070	And Applied State Office Company of the Company of
Site Name/	ay Facility / NM1-006		Phone No.	575-393-1079	The Property of State Company of State C
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Received by OCD: 9/21/2023 10:15:45 AM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

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经验证明日本	GENERA'	TOR	NO. 58	8886
Operator No.		Permit/RRC No.		
Operators Name	19951	Lease/Well Name & No.	Bours ho fo	0409 2144
Address DOI W WISh	ie Blud	County	5/29	MATE OF BOOKS
5 te 206		API No.	30-015	46608
City, State, Zip Ollahoma.	17 OK 73116	Rig Name & No.		
Phone No. 40.5	3 - 4391	AFE/PO No.		ENGL STATE
EXEMPT E&P W	aste/Service Identification and Amount (place	volume next to wa	aste type in barrels or cubic vards)	THE RESIDENCE OF THE PERSON NAMED IN
Oil Based Muds	NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flow back (Injectable)	to the second
Water Based Cuttings	Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY		Gathering Line Water/Waste (Injectable OTHER EXEMPT WASTES (type and general	WHEN PART THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.
E&P Contaminated Soil	Truck Washout (exempt waste)		TO STILL EXCENT L AND LES (TABE SING BEHBIRE)	ion process of the waste)
Gas Plant Waste				
WASTE GENERATION PROCESS:	DRILLING COMPLETIO	N	PRODUCTION GAT	THERING LINES
	NON-EXEMPT E&P Waste/Service Id			
	waste must be analysed and be below the threshold			A PARTY OF THE PAR
Non-Exempt Other	The second secon	piease select fro	m Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conse	ervation and Recovery Act (RCRA) and the US Environ	mental Protection Age	ency's July 1988 regulatory determination	, the above described waste
load is (Check the appropriate classification)				
RCRA EXEMPT: Oil field wastes a load basis only)	generated from oil and gas exploration and production	n operations and are	not mixed with non-exempt waste (R360	Accepts certifications on a per
	hich is non-hazardous that does not exceed the mini	mum standards for wa	aste hazardous by characteristics establish	ned in RCRA regulations, 40 CFR
	or listed hazardous waste as defined by 40 CFR, part 2			
hazardous is atta	ached. (Check the appropriate items as provided)	1		
MSDS Information	on RCRA Hazardous Waste Analysis	The Real Property lies and the Party lies and the P	Other (Descride Description Delay)	
	The for the Edit de de Strate Paralysis		Other (Provide Description Below)	
FIVERGENCY NON-OH FEILD:	hazradous, non-oilfeild waste that has been ordered	by the Department of		of non-hazardous waste
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Received by OCD: 9/21/2023 10:15:45 AM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company	Man	Contact	Informatio
		Contact	mormatio

ENVIRONMENTAL SOLUTIONS	(PLEASE PRINT)	Name PETE TRUJULO
STATE OF THE PARTY OF	GENERATOR	Phone No. 432 \ 215 - 5452
Operator No.		No. 631624
	Permit/RRC No. Lease/Well	The state of the s
Operators Name	Name & No.	5000(H FC 0409 214 H
Address 1001 W - Wilsi	County	- EDDY
City, State, Zip OKIAHUMA CI	A 10 -12	30.016. 96084
Phone No. 1405: 386	h 2 G L	1 state - 1 - 20 fp to the company of the company o
		Control of the second s
Oil Based Muds	ste/Service Identification and Amount (place volume next to wa NON-INJECTABLE WATERS	aste type in barrels or cubic yards) INJECTABLE WATERS
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Cuttings	Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY	Gathering Line Water/Waste (Injectable)
E&P Contaminated Soil	Truck Washout (exempt waste)	OTHER EXEMPT WASTES (type and generation process of the waste)
Gas Plant Waste WASTE GENERATION PROCESS:		
WASTE GENERATION PROCESS.		PRODUCTION GATHERING LINES
All non-exempt F&P v	NON-EXEMPT E&P Waste/Service Identification and Amou	int
Non-Exempt Other	aste must be analysed and be below the threshold limits for toxicity (TCLF	P), Ignitability, Corrosivity and Reactivity. m Non-Exempt Waste List on back
Ollabitity		With the mipt waste list on back
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
I hereby certify that according to the Resource Conservation in Charlette appropriate the 16 minutes of the Charlette and the 16 minutes of the 16 minutes o	ration and Recovery Act (RCRA) and the US Environmental Protection Age	ncy's July 1988 regulatory determination, the above described waste
toda is (effect the appropriate classification)		Address - Salar Sa
RCRA EXEMPT: load basis only)	nerated from oil and gas exploration and production operations and are n	not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA NON-EXEMPT: Oil field waste wh	ch is non-hazardous that does not exceed the minimum standards for was	ste hazardous by characteristics established in RCRA regulations, 40 CFR
261.21-261.24, or	listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amer hed. (Check the appropriate items as provided)	nded. The following documentation demonstrating the waste as non-
MSDS Information		Other (Devide Bergins and Devide Bergins)
	TICHA Hazaruous Waste Allalysis	Other (Provide Description Below)
EMERGENCY NON-OILFEILD: Emergency non-ha	zradous, non-oilfeild waste that has been ordered by the Department of F	Public Safety (the order documentation of the beauty)
determination and	a desciption of the waste must accompany this form)	assictly (the order, documentation of non-mazardous waste
(PRINT) AUTHORIZED AGENTS NAME		6278
A Parallel Sharegrellar Institution	TRANSPORTER	SIGNATURE.
Transporter's	INANSPORTER	- Sindh Harbard In
Name AODIAK	Driver's Name	BAFAFI SULLAPT
Address PARS PARS	Print Name	1868031667
Phone No.	Phone No.	The state of the s
The second secon	Truck No.	91 system the best steel, it
nereby certify that the above named material(s) was/	vere picked up at the Generator's site listed above and delivered without i	incident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE DELIVERY I	DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
N:OUT:	DISTOSALTACIENT	
ite Name/		Name/No.
Permit No. Halfway Facility / NM1-006	Phone No. 5	75-393-1079
6601 Hobbs Hwy US 62/180 Mile Mar	ker 66 Carlsbad, NM 88220	
NORM READINGS TAKEN? (Circle One)	YES NO If YES, was reading	> 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	Mary Indiana Suntaca August
	TANK BOTTOMS	The Management of the Committee of the C
Feet	Inches	read of many trades in the con-
nd Gauge	BS&W	//BBLS Received BS&W (%)
eceived		Total Received
I hereby certify that the above load material has bee	Acceptes	
the above load material has bee	(circle one): ACCEPTED DENIED If denied, why?	La Company of the Com
NAME (PRINT)	DATE	
(the control of the	DATE	SIGNATURE
AND THE PARTY OF T		

Received by OCD: 9/21/2023 10:15:45 AM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

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nany Man	Con	tact	info	rmai	ion

	GENERATOR	NO. 631622
perator No.	Permit/RRC No.	001022
perators Name Hovo On 1	Lease/Well Name & No.	FOUNCH FC 0409 DIY H
	COLOR DE LA COLOR	EDDY
danos		Marie Control of the
SVITE 20		30-015-46084
ity, State, Zip CKLAHUMP : CI		
hone No. (405) 386	439). AFE/PO No.	Allowed managed by the second of the second
EXEMPT E&P W	aste/Service Identification and Amount (place volume next to	waste type in barrels or cubic yards)
Dil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Dil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Vater Based Muds Vater Based Cuttings	Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Fank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
&P Contaminated Soil	Truck Washout (exempt waste)	In the Artist the State of the
Gas Plant Waste	DRILLING COMPLETION	DRODUCTION CATHERING LINES
VASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and A	
	waste must be analysed and be below the threshold limits for toxicity	
Ion-Exempt Other	*please selec	t from Non-Exempt Waste List on back
UANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
10		
	rvation and Recovery Act (RCRA) and the US Environmental Protection	Agency's July 1988 regulatory determination, the above described waste
oad is (Check the appropriate classification)		replace to the part of the par
RCRA EXEMPT:	enerated from oil and gas exploration and production operations and	are not mixed with non-exempt waste (R360 Accepts certifications on a per
load basis offly)		
		r waste hazardous by characteristics established in RCRA regulations, 40 CFR amended. The following documentation demonstrating the waste as non-
	ched. (Check the appropriate items as provided)	amended. The following documentation demonstrating the waste as non-
MSDS Information		Other (Provide Description Below)
Wises information	TICKA Huzul doub Woste Allulysis	other (Frontie Bestription Below)
THE PARTY OF THE P		
Emergency non-		at of Public Safaty (the order decumentation of non-hazardous waste
FINITROTENCY NUM-CHIEFHID:		nt of Public Safety (the order, documentation of non-hazardous waste
FINITROTENCY NUM-CHIEFHID:	nd a desciption of the waste must accompany this form)	nt of Public Safety (the order, documentation of non-hazardous waste
FIVIERGENCY NUN-CHIEFHID:		nt of Public Safety (the order, documentation of non-hazardous waste
FIVIERGENCY NUN-CHIEFHID:	nd a desciption of the waste must accompany this form) OS 16 3 3 DATE	(de 50)
determination ar	nd a desciption of the waste must accompany this form)	(de 50)
determination ar (PRINT) AUTHORIZED AGENTS NAME ransporter's	nd a desciption of the waste must accompany this form) OS 16 3 3 DATE	(de 50)
(PRINT) AUTHORIZED AGENTS NAME ransporter's lame	TRANSPORTER Driver's Name	(de 50)
ransporter's lame	TRANSPORTER Driver's Name Print Name	Che 500
(PRINT) AUTHORIZED AGENTS NAME Fransporter's lame address	TRANSPORTER Driver's Name Print Name Phone No.	(de 50)
ransporter's lame address thone No.	TRANSPORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE POSO (FAMILIA) 60 1869539991
ransporter's lame ddress	TRANSPORTER Driver's Name Print Name Phone No.	SIGNATURE POSO (FAMINIA) 1869539841
ransporter's ame ddress hone No. hereby certify that the above named material(s) was	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. S/were picked up at the Generator's site listed above and delivered with	hout incident to the disposal facility listed below.
ransporter's lame ddress	Driver's Name Print Name Phone No. Truck No. S/were picked up at the Generator's site listed above and delivered with the form of the waste must accompany this form) Driver's Name Print Name Phone No. Truck No.	hout incident to the disposal facility listed below. LEVERY DATE DRIVER'S SIGNATURE
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ransporter's ame ddress hone No. hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAMP OUT: ite Name/ ermit No. ddress 6601 Hobbs Hwy US 62/180 Mile N	TRANSPORTER Driver's Name Print Name Phone No. Truck No. S/were picked up at the Generator's site listed above and delivered with DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. Alarker 66 Carlsbad, NM 88220	hout incident to the disposal facility listed below. LIVERY DATE RECEIVING AREA Name/No. 575-393-1079
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ransporter's lame dddress hone No. hereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAMP OUT: ite Name/ ermit No. dddress 6601 Hobbs Hwy US 62/180 Mile M NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One st Gauge nd Gauge	TRANSPORTER Driver's Name Print Name Phone No. Truck No. S/were picked up at the Generator's site listed above and delivered with DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. Iarker 66 Carlsbad, NM 88220 YES NO If YES, was read to the print No. TANK BOTTOMS Inches	hout incident to the disposal facility listed below. (IVERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ading > 50 micro roentgens? (circle one) YES NO BS&W/BBLS Received BS&W (%) Free Water Total Received
ransporter's lame ddress hone No. hereby certify that the above named material(s) was supplied to the state of the state	TRANSPORTER Driver's Name Print Name Phone No. Truck No. S/were picked up at the Generator's site listed above and delivered with DRIVER'S SIGNATURE DISPOSAL FACILITY Phone No. Iarker 66 Carlsbad, NM 88220 YES NO If YES, was read to the print No. TANK BOTTOMS Inches	hout incident to the disposal facility listed below. LIVERY DATE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 575-393-1079 ading > 50 micro roentgens? (circle one) YES NO BS&W/BBLS Received BS&W (%) Free Water Total Received

Received by OCD: 9/21/2023 10:15:	NEW MEXICO NON-HAZARDOUS OILFIELD WAST 45 AM (PLEASE PRINT)	E MANIFEST Company Man Contact Information Name Page 368 of 456
SOUTIONS		Phone No. 422 1 215 5452
	GENERATOR	NO. 631640
Operator No.	Permit/RRC No	W 031040
Operators Name	Lease/Well Name & No.	60001H FC . 0409 214 H
Address 1001 W. WILC	HILE BLVD County	Engg Analog
206 SUIT	API No.	30:015:46084
City, State, Zip	Rig Name & No	Note of the state
Phone No.	43.91 AFE/PO No.	Startes and a second second second
Oil Based Muds	aste/Service Identification and Amount (place volume next to NON-INJECTABLE WATERS	waste type in barrels or cubic yards) INJECTABLE WATERS
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Cuttings	Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and A	
	waste must be analysed and be below the threshold limits for toxicity (
Non-Exempt Other	*please select	from Non-Exempt Waste List on back
QUANTITY	B - BARRELS L - LIQUID	Y - YARDS E - EACH
	vation and Recovery Act (RCRA) and the US Environmental Protection	Agency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification) Oil field wastes g	enerated from oil and gas exploration and production operations and a	are not mixed with non-exempt waste (R360 Accepts certifications on a per
RCRA EXEMPT: load basis only)	Notice and the second of the second	
		waste hazardous by characteristics established in RCRA regulations, 40 CFR mended. The following documentation demonstrating the waste as non-
	ched. (Check the appropriate items as provided)	interaction demonstrating the waste as non-
MSDS Information	RCRA Hazardous Waste Analysis	Other (Provide Description Below)
10 10 10 10 10 10 10 10 10 10 10 10 10 1	The little control of	V(0.11.0.6(1) 1.1
	nazradous, non-oilfeild waste that has been ordered by the Department and a desciption of the waste must accompany this form)	t of Fubile Safety (the Order, documentation of non-nazardous waste
(PRINT) AUTHORIZED AGENTS NAME	05 23 23	SIGNATURE
	TRANSPORTER	SIGNATURE
Transporter's	3 73,000,000	
Name Address	Driver's Name	Little War Life
Address	Print Name Phone No.	
Phone No.	Truck No.	
I hereby certify that the above named material(s) was	/were picked up at the Generator's site listed above and delivered with	out incident to the disposal facility listed below.
of the last of the	100	1-1-1-1
SHIPMENT DATE		IVERY DATE DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:	16 1	Name/No.
Site Name/ Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile M	arker 66 Carlsbad, NM 88220	
NORM READINGS TAKEN? (Circle One)	YES NO If YES, was rea	ding > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	
	IANK BUTTUIVIS	
Feet 1st Gauge	Inches B	iS&W/BBLS Received BS&W (%)
1st Gauge 2nd Gauge		Free Water
1st Gauge		
1st Gauge 2nd Gauge	В	Free Water Total Received
1st Gauge 2nd Gauge Received	В	Free Water Total Received
1st Gauge 2nd Gauge Received	В	Free Water Total Received

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Wan Contact information

Received by OCD: 9/21/2023 10:15:	45 AM GENERA	TOR	NO.	Page 370 of 45
Operator No.		Permit/RRC No.	00	17041
Operators Name York oil 3	FAC	Lease/Well Name & No.	500nCH FC O	H PIC 901
Address 1001 W- Winch	ide Bido	County	EDDY	Phone tide or chine
F 206 SVI	76	API No.	30.015	46084
City, State, Zip OKLAHOMA CIT	7 - 04 73116	Rig Name & No.		
Phone No. 400 386	4341	AFE/PO No.	and the second second	THE PERSON NAMED IN
EXEMPT E&P Wa	ste/Service Identification and Amount (place	ce volume next to w	aste type in barrels or cubic yar	ds)
Oil Based Muds	NON-INJECTABLE WATERS		Washout Water (Injectable)	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Inject	table)
Water Based Cuttings	Produced Water (Non-Injectable)		Produced Water (Injectable) Gathering Line Water/Waste (Injectable)	ctable)
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and g	
E&P Contaminated Soil	Truck Washout (exempt waste)	9	moant out a ship of	BIEDENGLOW
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING COMPLET	ION	PRODUCTION	GATHERING LINES
	NON-EXEMPT E&P Waste/Service	Identification and Amo	punt	
All non-exempt E&P w	vaste must be analysed and be below the thresho			tivity.
Non-Exempt Other		*please select fro	om Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conser	vation and Recovery Act (RCRA) and the US Envir	onmental Protection Ag	gency's July 1988 regulatory determin	nation, the above described waste
load is (Check the appropriate classification)				
RCRA EXEMPT: Oil field wastes go load basis only)	enerated from oil and gas exploration and produc	tion operations and are	not mixed with non-exempt waste (R360 Accepts certifications on a per
	nich is non-hazardous that does not exceed the m	inimum standards for w	vaste hazardous by characteristics es	tablished in RCRA regulations, 40 CFR
261.21-261.24, 0	r listed hazardous waste as defined by 40 CFR, par	rt 261, subpart D, as am	ended. The following documentation	n demonstrating the waste as non-
hazardous is atta	ched. (Check the appropriate items as provided) n RCRA Hazardous Waste Analy	rsis	Other (Provide Description Below)	
WSB3 Illicitiate				
EMERGENCY NON-OILFEILD: Emergency non-h	nazradous, non-oilfeild waste that has been ordere	ed by the Department of	of Public Safety (the order, document	tation of non-hazardous waste
determination ar	d a desciption of the waste must accompany this	form)	14-5	> management
(PRINT) AUTHORIZED AGENTS NAME	_ 05	DATE	SIG	NATURE
The state of the s	TRANSPO	ORTER		- Service Designation
Transporter's		Driver's Name	-0 1 7	Tarana and a second
Name ////		Print Name	- Jasil +	MANCO
Address	×	Phone No.	7 0-3	00111
Phone No.	<i>D</i>	Truck No.	100 753	7041
I hereby certify that the above named material(s) was	/were picked up at the Generator's site listed abo	ove and delivered witho	ut incident to the disposal facility list	ted below.
05/03/03	SP /4/	05/	13/23	
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIV	ERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL	FACILITY		ING AREA
IN:OUT:	15	Maria de la companya della companya	Name/No.	O .
Site Name/	* 1	Phone No.	575-393-1079	
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile N	Jarker 66 Carlshad NM 88220		- SASSEGAR	
NORM READINGS TAKEN? (Circle One		If YES, was read	ling > 50 micro roentgens? (circle on	e) YES NO
PASS THE PAINT FILTER TEST? (Circle One	- Land State and Land	NO		
The state of the s	TANKBO	TTOMS		Date State S
Feet	Inches		" Harrists	No Earth Addition
1st Gauge		BS	&W/BBLS Received Free Water	BS&W (%)
2nd Gauge Received		The second second	Total Received	
Market State of the State of th				
I hereby certify that the above load material has b	een (circle one): ACCEPTED DENIE	D If denied, why	R	PASS OF REAL PROPERTY.
The text of the second	00000		1316	CALATRIAN
NAME (PRINT)	DATE	TITLE	SI	GNATURE

Received by OCD: 9/21/2023 10:15:4	5 AM	The second second	Phone No.	Page 371 of 45
		GENERATOR	NO. 631	649
Operator No.		Permit/RRC No	03.	.040
Operators Name Movo pic 3	GAS .	Lease/Well Name & No.	EGION (14 TC. 0	909 2144
Address 1001 W WILS	HIRE BLUD	County	EDDY	Digital - Off States
DOG SUITE	24 2200	API No.	30.015.4	6084
City, State, Zip	4391	Rig Name & No	0.	
Phone No.		AFE/PO No.	A Company of the latest and the late	
Oil Based Muds	Iste/Service Identification and NON-INJECTABLE WATERS	Amount (place volume next to	waste type in barrels or cubic yards) INJECTABLE WATERS	
Oil Based Cuttings	Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds Water Based Cuttings	Completion Fluid/Flow back (Non Produced Water (Non-Injectable		Completion Fluid/Flow back (Injectable) Produced Water (Injectable)	
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (No INTERNAL USE ONLY	on-Injectable)	Gathering Line Water/Waste (Injectable OTHER EXEMPT WASTES (type and gene	
E&P Contaminated Soil	Truck Washout (exempt waste)			The state of the s
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION G	ATHERING LINES
		Waste/Service Identification and A		ATTIENTING EINES
All non-exempt E&P w			TCLP), Ignitability, Corrosivity and Reactivit	у.
Non-Exempt Other		*please select	t from Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conser	vation and Recovery Act (RCRA) a	nd the US Environmental Protection	Agency's July 1988 regulatory determination	on, the above described waste
load is (Check the appropriate classification)			Man lacture to set 110 feet	
RCRA EXEMPT: Oil field wastes ge load basis only)	enerated from oil and gas explorat	ion and production operations and	are not mixed with non-exempt waste (R36	0 Accepts certifications on a per
RCRA NON-EXEMPT: Oil field waste wh	ich is non-hazardous that does no	t exceed the minimum standards fo	r waste hazardous by characteristics establ	ished in RCRA regulations, 40 CFR
	listed hazardous waste as defined ched. (Check the appropriate items		amended. The following documentation de	monstrating the waste as non-
MSDS Information		us Waste Analysis	Other (Provide Description Below)	A COLUMN TO SERVICE
Name of the Control o				
I I FMFRGENCY NON-OH FFILL):	azradous, non-oilfeild waste that I d a desciption of the waste must a		nt of Public Safety (the order, documentation	n of non-hazardous waste
PETE TRUNCLO		05 - 23 - 23	fx Ty	THE PERSON NAMED OF THE PE
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIGNATU	RE
	T	RANSPORTER		(alternative)
Transporter's Name	ul secondar	Driver's Name	Rulchet In	
Address Address	Contibul.	Print Name		
111 \$8210		Phone No.		Service Control
Phone No. <u>C 35</u> 306 1355		Truck No.	-91	10 BM 12 BM 12 BM
I hereby certify that the above named material(s) was/	were picked up at the Generator's		E CA	elow.
SHIPMENT DATE	DRIVER'S SIGNATURE		ELIVERY DATE E	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DIS	POSAL FACILITY	RECEIVIN	G AREA
IN:OUT:			Name/No.	1031
Site Name/		Phone No.		
Permit No. Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180 Mile Mi	arker 56 Carlehad, NM 99330		575-393-1079	0 -
Address 6601 Hobbs Hwy US 62/180 Mile Ma NORM READINGS TAKEN? (Circle One)		If VEC was ro	ading > 50 micro roentgens? (circle one)	VEC
PASS THE PAINT FILTER TEST? (Circle One)	YES NO	NO	ading > 50 micro roentgens: (circle one)	YES NO
	TA	NK BOTTOMS		
Feet	Inches		Appropriate (1)	STEEDINGS OF
1st Gauge			BS&W/BBLS Received Free Water	BS&W (%)
2nd Gauge Received			Total Received	The second second
	(22)	DENIES	1.2	
I hereby certify that the above load material has be	een (circle one): ACCEPTED	DENIED If denied, w	hy?	The same of the sa
NAME (PRINT)	OATE	TITLE	SIGNATU	RF.
Maine (Chira)		The state of the s	SIGIVATO	
	The second second			and the second s

		GENERATOR	NO. 021020
		GENERATOR	trebucción explantes a siste del cosqueo.
		Permit/RRC No.	nua anno a su a s
tor No.	OIL GAS	Lease/Well Name & No.	Fronce - 18 - mean and 1
ors Name	DATE PARTY	County	STORE NOT THE STORE STORE OF THE STORE STO
s	Mary 211.00 Trans	API No.	30-015-41084
7.00	The state of the s	Rig Name & No.	Ald plants and a state of the s
ate, Zip		AFE/PO No.	the product of the said of the care
No.	Jahre Valley	The state of the s	te type in barrels or cubic yards)
EXEMPT E8	P Waste/Service Identificatio	n and Amount (place volume next to was	
ased Muds	NON-INJECTABLE WATERS Washout Water (Non-Inje	ctable)	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)
r Based Muds	Completion Fluid/Flow ba	ck (Non-Injectable)	Produced Water (Injectable)
r Based Cuttings	Produced Water (Non-Inje Gathering Line Water/Wa	ectable)	Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
uced Formation Solids Bottoms	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process)
Contaminated Soil	Truck Washout (exempt v	vaste)	
lant Waste	DRILLING	COMPLETION	PRODUCTION GATHERING, LINES
TE GENERATION PROCESS:		APT E&P Waste/Service Identification and Amou	unt Control of the Co
All pan-avemp	+ F&P waste must be analysed and	be below the threshold limits for toxicity (TCLF	P), Ignitability, Corrosivity and Academysy.
		*please select from	m Non-Exempt Waste List on back
xempt Other	199	DELS L-LIQUID	Y - YARDS E - EACH
ITITY	B - BAR		ency's July 1988 regulatory determination, the above described w
Life that according to the Resource	Conservation and Recovery Act (F	RCRA) and the US Environmental Protection Age	ency study 1366 regulatory waste
261.21-20 hazardou	is is attached. (Check the appropri	s defined by 40 Crn, part 201, support 27	ended. The following documentation demonstrating t aste as Other (Provide Description Below)
261.21-20 hazardou MSDS Inf	61.24, or listed hazardous waste a is is attached. (Check the appropri- formation RCRA	ate items as provided) Hazardous Waste Analysis	Other (Provide Description Below)
261.21-20 hazardou MSDS Inf	61.24, or listed hazardous waste as is attached. (Check the appropri-	ate items as provided) Hazardous Waste Analysis	
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OCD: 9/21/2023 10:15:45 AM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Man Contact Information Page 373 of 456 Phone No. GENERATOR NO Permit/RRC No Operator No. Lease/Well Name & No. Operators Name Address County API No Rig Name & No City, State, Zip Phone No. AFF/PO No EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Muds Oil Based Cuttings Washout Water (Non-Injectable) Completion Fluid/Flow back (Injectable) Water Based Muds Completion Fluid/Flow back (Non-Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Water (Injectable) **Produced Formation Solids** Gathering Line Water/Waste (Non-Injectable) Gathering Line Water/Waste (Injectable Tank Bottoms E&P Contaminated Soil Truck Washout (exempt waste) Gas Plant Waste **GATHERING LINES** WASTE GENERATION PROCESS DRILLING COMPLETION PRODUCTION All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity *please select from Non-Exempt Waste List on back Non-Exempt Other L - LIQUID Y - YARDS E - EACH QUANTITY I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT load basis only Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) Other (Provide Description Below) MSDS Information RCRA Hazardous Waste Analysis Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste **EMERGENCY NON-OILFEILD:** determination and a desciption of the waste must accompany this form) SIGNATURE TRANSPORTER Transporter's Name Address Print Name Phone No. Truck No. Phone No I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE RECEIVING AREA TRUCK TIME STAMP OUT: Name/No. IN: Site Name/ Phone No 575-393-1079 Halfway Facility / NM1-006 Permit No. Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) If YES, was reading > 50 micro roentgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES Inches Feet BS&W/BBLS Received BS&W (%) 1st Gauge Free Wate 2nd Gauge Total Received Received DENIED ACCEPTED If denied, why? I hereby certify that the above load material has been (circle one): SIGNATURE

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Release Response Action Completion & Closure Report Incident ID No. nAPP2307966624 Novo Oil &Gas Goonch Fed Com 0409-214H Release Discovery Date: March 18, 2023 Eddy County, New Mexico

> Prepared for: Novo Oil & Gas Northern Delaware, LLC 1001 West Wilshire Blvd., Suite 206 Oklahoma City, Oklahoma 73116

> > Prepared By:

Altamira-US Bryan Haney, P.G. TX 929 Corpus Christi, Texas 78418 (361)658-3126

September 20, 2023



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Release Response Action Completion & Closure Report Novo Oil & Gas – Goonch Fed Com 0409-214H Release

Discovery Date: March 18, 2023

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Appendix D Field Documentation

Appendix E Waste Management Documentation

Appendix F Laboratory Analytical Data Reports

ACRONYMS AND ABBREVIATIONS

Altamira Altamira-US, LLC

Novo Oil & Gas Northern Delaware, LLC

bgs below ground surface

mg/Kg milligram per kilogram

NMOCD New Mexico Oil Conservation District

BLM Bureau of Land Management

TPH Total Petroleum Hydrocarbons

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

1.0 INTRODUCTION

Novo Oil & Gas Northern Delaware, LLC (Novo Oil & Gas) (OGRID No. 372920) operate a facility known as the "Goonch Fed Com 0409-214H" (Goonch Pad-H) located in Unit M, Section 33, T22S, R28E, in Eddy County, New Mexico. On March 18, 2023, at approximately 5:00pm, field personnel for Novo Oil & Gas discovered a release of crude oil liquids associated with a 4-inch production flow line at latitude 32.34321760°, longitude -104.08546710° (Figure 1 and Figure 2). This Release Response Action & Closure Report has been prepared to document initial response actions, remediation, and site closure efforts.

1.1 Release Details and Initial Response

On March 18, 2023, at approximately 5:00 pm, Novo personnel identified a release of crude oil liquids from a 4-inch production flow line. Approximately five barrels of crude oil liquids released onto the adjacent pad area. The release was contained to the immediate area of the pad. Upon discovery of the release, Novo was able to shut in flow to the line. The release affected the southwest portion of the pad area on the Goonch Pad-H of approximately 50' x 10' (Figure 3) and was irregular shaped.

Novo Oil & Gas estimated approximately five barrels of crude oil liquids were released; and approximately three barrels of crude oil liquids were recovered using vacuum trucks and removal of affected soil. The release volume was estimated based on the approximate dimensions of the surface release area.

1.2 Notification

Based on the quantity of fluid released being less than 25 barrels, the release was determined to be a minor release per 19.15.29.1.B NMAC. Notification was provided by Bryan Haney to the NMOCD and BLM via email on March 20, 2023. The initial online release notification was submitted to the NMOCD on March 20, 2023. The OCD issued incident ID# nAPP2307966624. Form C-141 Release Notification was prepared and submitted online with payment on March 23, 2023. Written notification of the release (BLM Major Undesirable Event Report) was also provided to the BLM on March 23. 2023. Copies of the C-141 Release Notification form and BLM Major Undesirable Event Report are provided in **Appendix A**.

1.3 Project Objectives

The project objectives were to: 1) conduct initial release cleanup efforts, 2) physically remove affected soil containing constituent concentrations that exceed the NMOCD cleanup levels, and 3) restore and reclaim the remediated areas.

1.4 Regulatory Framework

The Site is subject to environmental regulatory oversight by the NMOCD. Notification, assessment, and response action activities were conducted in accordance with guidelines outlined in 19.15.29 NMAC. The Site is located on property owned by the BLM.

Discovery Date: March 18, 2023

2.0 STANDARD OF CARE, LIMITATIONS, & RELIANCE

2.1 Standard of Care

Altamira's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same period of time. Altamira makes no warranties, expressed or implied, as to the services performed hereunder. Additionally, Altamira does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report.

2.2 Additional Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Altamira cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this scope of services. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Altamira's findings and recommendations are based solely upon data available to Altamira at the time of these services.

3.0 RECEPTOR AND WATER SOURCES SURVEY

3.1 Wellhead Protection Discussion

During assessment field activities, Altamira field personnel conducted a 0.5-mile radius search of the surrounding area to determine the presence of any known private or domestic water sources. During the search, no water wells or springs were identified within 0.5 miles of the release area. Altamira also reviewed available maps, satellite imagery, and reviewed the New Mexico Office of the State Engineers GIS database to search for known water wells. In review of the State Engineers GIS database, no water wells, monitoring wells or other subsurface water conveyances were identified within 0.5 miles of the release area.

Based on review of the FEMA Flood Map for the site area, the release area is located in Zone X "Area of Minimal Flood Hazard" (FIRM Panel 35015C1350D).

3.2 Significant Water Source Discussion

Altamira conducted a review of the significant watercourses nearest the release area. The Pecos River is located approximately 0.39 miles west of the Site. The release did not result in any adverse effects to the Pecos River. Salt Lake is located approximately 4.5 miles southeast of the Site area. No other watercourses were identified within a 0.5-mile radius of the release area.

3.3 Determination of Depth to Groundwater

A soil boring was installed east of the point of release and was advanced to a depth of 50-feet below ground surface. Soil boring SB-1 was installed during assessment of an adjacent Site. The purpose of advancing soil boring SB-1 to 50-feet was to determine if groundwater was present below 50-feet. During boring advancement, variations of dry unconsolidated soil and rock were observed (refer to **Appendix B** – Boring Record SB-1). During advancement of soil boring SB-1, groundwater (saturation) was encountered at approximately 46.5 feet below ground surface. The borehole was advanced to 50 feet below ground surface and allowed to stay open for a period of time. The presence of groundwater was verified with an electronic water level probe.

Based on the lines of evidence provided above, groundwater appears to be shallower than 50-feet below ground surface in the area of the release. Based on this site-specific groundwater data, analytical data results were compared to Closure Criteria for groundwater encountered at depths less than 50 feet below ground surface.

4.0 REMEDIATION

Based on the volume of the release (minor – estimated 5-barrels), Novo determined the best course of action was to move directly to remediation of the affected soil located on Goonch Pad-H. Affected soil remediation was conducted on the on-site property between March 25, 2023 through September 6, 2023. Affected soil was excavated or hydro-excavated and loaded into trucks for transport and disposal at the R360 Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66. Confirmation soil sampling was conducted to determine the effectiveness of soil remediation efforts. Details regarding the affected soil remediation and post excavation confirmation soil sampling are provided below. Site photographs are provided in **Appendix C**. Field documentation is provided in **Appendix D**.

4.1 Confirmation Soil Sampling and Analysis Plan

Confirmation soil samples collected post excavation were analyzed by Cardinal Laboratories in Hobbs, New Mexico, accredited by the National Environmental Laboratory Accreditation Program (NELAP) for environmental sample analysis requirements. The sampling program and laboratory methods used for the analysis for the project are listed in the following table. Altamira utilized the Oil Conservation Commission guidance and regulations under Title 19, Chapter 15, Part 29 to address the release and constituents of concern. The executed chain-of-custody documents and laboratory reports are provided in **Appendix F.**

Release Response Action Completion & Closure Report Novo Oil & Gas – Goonch Fed Com 0409-214H Release

Discovery Date: March 18, 2023

Sample Type	Analysis	Laboratory Method
Soil	Total Petroleum Hydrocarbons (TPH)	8015M
Soil	Benzene, Toluene, Ethylbenzene, Xylenes	8260B
Soil	Chlorides	4500-CI-B

4.2 Soil Remediation Activities

Altamira and Novo provided notification to the OCD via email (**Appendix A**) on March 31, 2023 regarding the intent to conduct soil remediation and confirmation soil sampling at the Novo Ovation Pad-O release area. This in addition to the initial agency notifications of immediate release response activities.

During March through September 2023, Novo conducted soil remediation and reclamation activities on the Goonch Pad-H facility at and surrounding the 4-inch production flowline. (on-pad and off-pad areas (refer to Figure 3). The visible release footprint was irregular shaped and appeared to be contained on the southwest corner of Pad-H. Following the release and removal of standing liquids, the visual extent of the known affected soil area was marked. A grid system was established to identify the excavation areas and 200-square foot confirmation soil sample grid areas. The sample grids were measured and marked with wooden stakes. The sample grids were numbered G-1 through G-47 (Figure 3). The overall dimensions of the gridded and remediated area were approximately 135 feet by 60 feet. The overall remediation area was larger than the original irregular shaped estimated release area due to observed subsurface affected soil and to ensure full remediation was achieved. The on-site active pad area consists of limestone-caliche base material used to create the active pad area. The caliche material is hard and dry. There is no vegetation growing on the Goonch Pad-H area. Native material below the pad base consisted of a reddish silty sand and abundant consolidated rock. The off-pad area located west of the Goonch Pad-H consisted of native reddish silty sand and abundant consolidated rock with sparse native vegetation.

Rouge Services was contracted by Novo to conduct the soil excavation, loading, and hauling. Affected mechanical soil excavation and hydro-excavation began on March 25, 2023, and continued through July 31, 2023. Excavated soil was either stockpiled on plastic sheeting or direct loaded to trucks. Water and saturated soils derived from hydro-excavation were placed into a plastic lined and bermed area and allowed to dry prior to transport and disposal. Soil within each grid was initially excavated to two feet below ground surface. Following excavation at each grid, confirmation soil samples were collected and submitted to Cardinal Laboratories for analysis. Based on initial analytical data results, the excavation area was extended vertically and laterally until each grid floor and each side-wall exhibited TPH, BTEX, and chloride concentrations less than the Closure Criteria.

Confirmation soil samples were collected within each 200 square foot grid (14' x 14') and consisted of a 5-point composite sample (generally one from the center and one outward near

Release Response Action Completion & Closure Report Novo Oil & Gas – Goonch Fed Com 0409-214H Release

Discovery Date: March 18, 2023

each corner area). Confirmation soil samples were initially analyzed for chlorides, TPH, and BTEX as described in section 4.1 of this report. Analytical results for each confirmation grid sample were evaluated to the most stringent criteria per *Table I – Closure Criteria for Soils Impacted by a Release*. Analytical data results are presented on **Table 1**. If analytical data results showed a chemical constituent exceeded the Closure Criteria Level, soil in that particular grid area was further excavated downward and resampled. Laboratory analysis for soil samples for grids that were further excavated were only analyzed for those chemical constituents that previously exceeded the Closure Criteria Level in the previous depth interval. This process continued until the concentration of all targeted chemical constituents were below the respective Closure Criteria Level.

4.3 Waste Management

As described above, affected soil associated with the release was transported to the R360 Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66. A New Mexico Non-Hazardous Oilfield Waste Manifest was prepared for each truck load of soil material. Manifests are provided in **Appendix E**.

5.0 DATA RESULTS & EVALUATION

Altamira utilized guidance from 19.15.29 NMAC, specifically *Table I - Closure Criteria for Soils Impacted by a Release* to assess soil sample analytical data collected at the Site. Depth to groundwater at the site was investigated and determined to be present at approximately 46.5 feet below ground surface. The most stringent closure criteria action levels were utilized to evaluate analytical results for remediation and site closure. Analytical results are provided in **Table 1** and Laboratory Analytical Data Report are provided in **Appendix F**.

As previously described, work and confirmation soil sample grids were measured and marked on 14-foot by 14-foot grid areas (less than 200 square feet). The overall grid area was setup in a conservative manner so that grids included known and suspected affected soil areas, but also overlapped into known unaffected soil areas. Side-walls were set up so that each side-wall was within the 200 square foot requirement. The remediation area and associated sample grids are depicted on **Figure 3**.

5.1 Confirmation Soil Sampling Results

5.1.1 Chlorides

Initial analytical results for chlorides exceeded 600 mg/kg in various soil samples from two feet to depths of 16-feet below ground surface. Analytical data showed that much of the deeper impacts to soil and rock were within the northwest portion of the remediation area. Evaluation of chloride concentrations showed attenuation of chlorides with depth. With chlorides being the predominate constituent of concern, soil and rock excavation continued in depth until chloride concentrations were detected below 600 mg/kg. Since the excavation was extended in each direction beyond the physical indications of the release, chloride concentrations on the side-walls demonstrated concentrations less than 600 mg/kg. **Remediation of chlorides in soil has been completed.**

5.1.2 TPH

TPH was analyzed on all initial confirmation soil samples. Analysis of TPH was conducted on deeper soil samples as necessary until TPH fractions and total TPH were below the Closure Criteria. TPH impacts to soil and rock were deepest (14-feet below ground surface) at grids G-6, G-9, and G-13, but attenuated within the next sample depth interval. These grids were located immediately adjacent to the pipeline corridor. In general, TPH concentrations were elevated and identified deeper along the production flowline. Analytical results showed TPH concentrations attenuated at depth to either not detected above the laboratory reporting limit or were below 100 mg/kg.

Analytical results for all other post excavation confirmation soil samples show low level TPH concentrations were detected below 100 mg/kg, or concentrations not detected above the laboratory reporting limit. **Remediation of TPH in soil has been completed.**

5.1.3 BTEX

BTEX was analyzed on all initial confirmation soil samples. For the purpose of assessment and in accordance with regulatory guidance, benzene and total BTEX concentrations were compared to an assessment level of 10 mg/kg and 50 mg/kg, respectively. Analytical results for all grid and side-wall samples showed benzene and BTEX concentrations were either not detected above the laboratory reporting limit or if detected were below the applicable Closure Criteria. **Remediation of BTEX in soil has been completed.**

5.2 Final Data Evaluation

As described above, the known and probable affected soil areas were marked within 200 square foot grids for excavation and confirmation soil sampling. Following excavation activities to remove affected soil, confirmation soil samples were collected per the NMAC guidelines. Analytical data demonstrate remediation efforts (soil and rock removal) was successful. Concentrations of chlorides, TPH, and BTEX were either not detected above the laboratory reporting limit (non-detect), or if detected were below all applicable NMOCD Closure Criteria. As a result, no further response or remediation action is necessary.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION

6.1 Restoration and Reclamation Activities

Following excavation activities, the excavated area was restored to its original condition. The excavated area from approximately two feet to the total depth of the excavation was backfilled using native topsoil (similar to existing silty-sandy very fine-grained soil) from a landowner's property located near the remediated site area. The upper 2.5 feet of the excavated area was backfilled with caliche material to re-establish the active operational pad area. The remediation area west of the Goonch Pad-H was backfilled with the same native soil. Following placement and compaction of the new native topsoil and caliche pad material, the area was graded and contoured to match the original topography of the site area.

On September 6, 2023, the Site was seeded using BLM seed mix #2 and a seed drill. Crisha Morgan of the BLM provided Altamira seed mix instructions in an email dated April 4, 2023.

"Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding".

Species planted in pounds of pure live seed* per acre:

<u>Species</u>

	l <u>b/acre</u>
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

Following seeding the Site area was watered and followed by minor rainfall. Routine inspection of the BLM property remediated and reclaimed has not revealed any erosion.

7.0 CONCLUSIONS

On March 18, 2023, Novo personnel identified a minor release from a 4-inch production flowline lead between the wellhead and central tank battery on the southwest corner of Goonch Pad-H. Approximately 5-barrels of crude oil liquids released onto the adjacent pad area. The release was contained to the immediate area on the southwest corner of the Goonch Pad-H. Upon discovery of the release, Novo was able to shut in flow to the unit.

Approximately 5-barrels of crude oil liquids were released; and approximately 3-barrels of crude oil liquids were recovered using vacuum trucks and removal of affected soil. During March through September 2023 Novo conducted remediation efforts to remove affected soil and restore each area to pre-release conditions.

Analytical data results for post excavation confirmation soil validate the completion of affected soil removal from the release area.

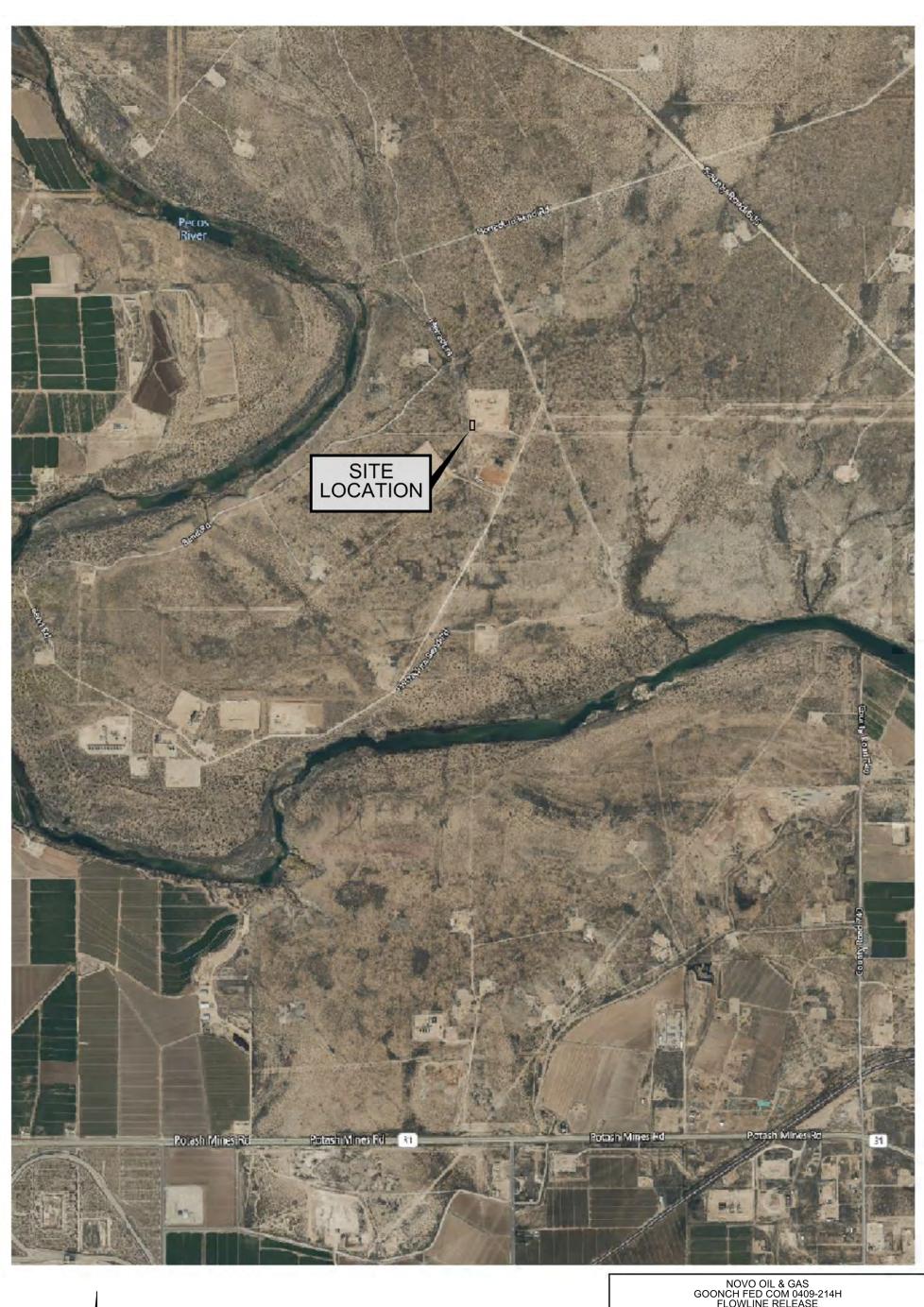
- Soil on-site has been remediated to chloride levels less than 600 mg/kg, TPH less than 100 mg/kg, BTEX less than 50 mg/kg, and benzene less than 10 mg/kg.
- Reclamation and restoration efforts have been completed.
- No further response action/remediation is necessary for this release Site.
- Novo would respectfully like to request regulatory closure for Incident ID: nAPP2307966624.



FIGURES

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) DP:(Reqd) TM:(Opt) DP:(Reqd) TM:(Opt) DP:(Reqd) TM:(Opt) DP:(Reqd) TM:(Opt) DP:(Reqd) TM:(Opt) DP:(Reqd) DB:(Reqd) LD:(Opt) PM:(Reqd) DB:(Reqd) LD:(Opt) PM:(Reqd) TM:(Opt) DP:(Reqd) DB:(Reqd) DB:(Req 3057.1 3076 3056 ₹3062T ×3023T 30421 3056 30487 3-22 3034T UPL 304NJ ×3031T ×30371 3038T IT 3024T SITE LOCATION ¥3028T 30137 3038T Herradura 30121 Bend 3009T 3017T ×3006 ×3012T 3013T#3 ×3007 300IT 3042T 3005T ×3041T 3044T 3013T 2998T)29T 3027T. UPL 2995T ×2999 3045T 3046T 2998 2994 3027T 3026 3027 304ITP. 2989T 29981 3026 ×3028T NOVO OIL & GAS GOONCH FED COM 0409-214H FLOWLINE RELEASE INCIDENT ID: nAPP2307966624 **TOPOGRAPHIC MAP** FIGURE ALTAMIRA 1 NOT TO SCALE

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) DY:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=".OFF="REF" P:\Novo Oil & Gas\NVONM2303 - Goonch Flow Line Release\Figures-Maps\NVONM2303 - GOONCH.dwg LAYOUT: FIGURE 2 SAVED: 8/11/2023 4:10 PM ACADVER: 24.3S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 8/11/2023 4:11 PM BY: AARON LOZANO

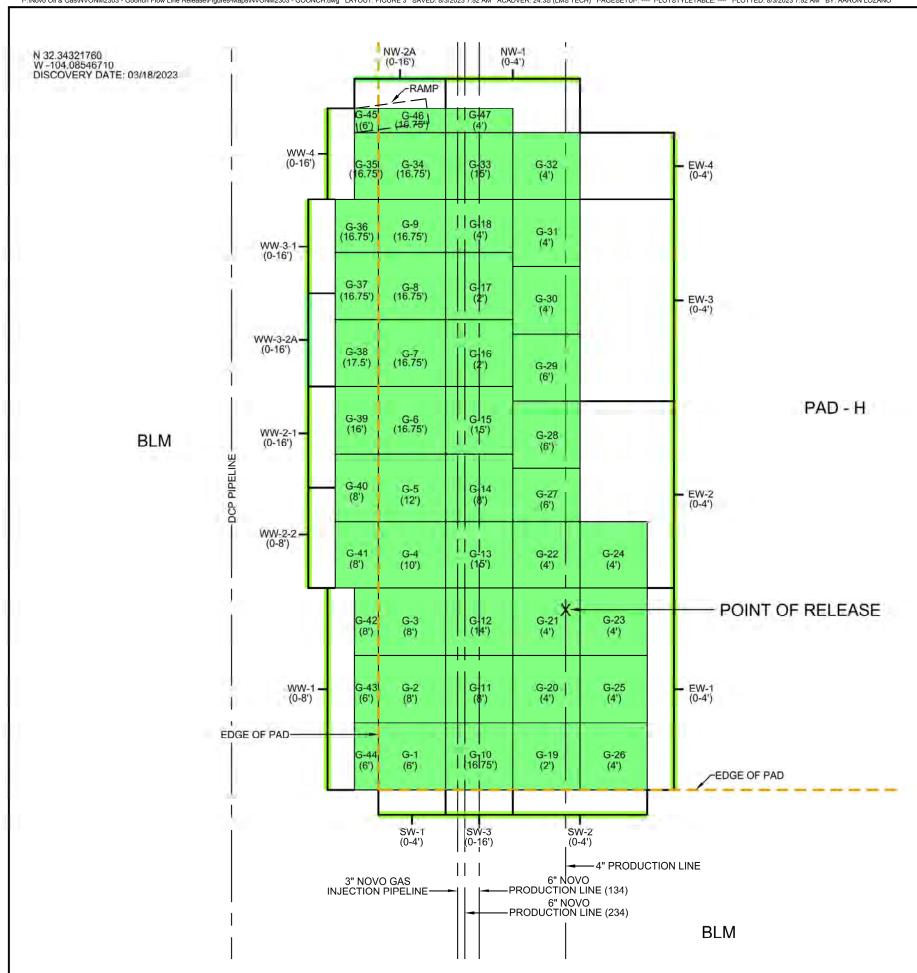


NOVO OIL & GAS GOONCH FED COM 0409-214H FLOWLINE RELEASE INCIDENT ID: nAPP2307966624

SITE LOCATION MAP



CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) ON=";OFF="REF" P:\Novo Oil & Gas\NVONM2303 - Goonch Flow Line Release\Figures-Maps\NVONM2303 - GOONCH.dwg LAYOUT: FIGURE 3 SAVED: 8/3/2023 7:52 AM ACADVER: 24.3S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 8/3/2023 7:52 AM BY: AARON LOZANO



NOTES:

- 1. DEPTH TO GROUNDWATER IS <51' BGS
- 2. SAMPLE GRIDS < 200ft² AREAS

	<u>TABLE I</u>							
NMOCD CLOSURE CRITERIA FOR SOILS (mg/kg) (DEPTH TO GROUNDWATER < 51 FEET BGS)								
DEPTH	CHLORIDE	TOTAL TPH	BTEX	BENZENE				
0-4'	600	100	50	10				
4'-+	600	100	50	10				

LEGEND:

CONFIRMATION SOIL SAMPLE LOCATION & GRID G-1



SAMPLE GRID - ANALYTICAL RESULTS MEET NMOCD CLEANUP CRITERIA



GOONCH H-PAD BOUNDARY

NOVO OIL & GAS GOONCH FED COM 0409-214H FLOWLINE RELEASE INCIDENT ID: nAPP2307966624

SITE PLAN & SAMPLE LOCATION MAP (RELEASE 03/18/2023)

FIGURE

3





TABLE 1

Analytical Data Results Summary – Post Excavation Soil Samples (mg/kg)

Analyte Method		Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
Table I - Closure C	riteria (0-4')	600	50	10	-	-	-	100
Sample ID	Samula Data							
•	Sample Date	2 020	44.2	-0.1	045	2020	470	4045
G-1 (24-27")	3/27/2023	3,920	44.3	<0.1	845	3830	170	4845
G-1 (48-51")	5/2/2023	1,150	-	-	<10	<10	<10	<10
G-1 (72-75")	5/15/2023	576	-	-	-	-	-	-
G-2 (24-27')	3/27/2023	5,200	18.4	<0.05	654	5380	289	6323
G-2 (48-51")	5/2/2023	3,080	-	-	<10	828	44	872
G-2 (72-75")	5/15/2023	1,340	-	-	<10	110	<10.0	110
G-2 (96-99")	5/23/2023	240	-	-	<10	<10	<10	<10
0.2 (04.07!!)	2/07/0000	04.000	0.70	10.05	000	2470	204	2504
G-3 (24-27")	3/27/2023	24,800	8.73	<0.05	223	3170	201	3594
G-3 (48-51")	5/2/2023	5,520	-	-	<10	967	34.8	1001.8
G-3 (72-75")	5/15/2023	2,240	-	-	<10	405	17.6	422.6
G-3 (96-99")	5/23/2023	192	-	-	<10	<10	<10	<10
G-4 (24-27")	3/27/2023	42,400	43.3	<0.05	2250	15500	844	18594
G-4 (48-51")	5/2/2023	19,000	-	-	<10	304	26.9	330.9
G-4 (72-75")	5/15/2023	2,920	-	-	<10	608	33.8	641.8
G-4 (96-99")	5/23/2023	6,800	-	-	<10	<10	<10	<10
G-4 (120-123")	5/26/2023	576	-	-	-	-	-	-
G-5 (24-27")	3/27/2023	31,600	2.03	<0.05	51.5	2520	198	2769.5
G-5 (48-51")	5/2/2023	12,800	-	-	<10	282	<10	282
G-5 (72-75")	5/15/2023	4,520	-	-	<10	230	11.9	241.9
G-5 (96-99")	5/23/2023	3,760	-	-	23.2	734	43.2	800.4
G-5 (120-123")	5/26/2023	2,280	-	-	<10	217	15.1	232.1
G-5 (144-147")	6/2/2023	416	-	-	<10	13.8	<10	13.8
0.0 (04.07)	0/07/0000	04.222	46.5	.0.05		45.00	000	40000
G-6 (24-27")	3/27/2023	24,800	10.8	<0.05	754	15100	829	16683
G-6 (48-51")	5/2/2023	15,000	-	-	10.8	1090	66.3	1167.1
G-6 (72-75")	5/15/2023	3,800	-	-	<10	204	<10	204
G-6 (96-99")	5/23/2023	5,760	-	-	<10	213	<10	213
G-6 (120-123")	5/26/2023	3,360	-	-	<10	228	14.5	242.5
G-6 (144-147")	6/2/2023	4,800	-	-	<10	109	<10	109
G-6 (168-171")	6/9/2023	1,220	-	-	<10	95	29.9	124.9
G-6 (192-195")	6/15/2023	928	-	-	<10	<10	<10	<10
G-6 (201-204")	7/27/2023	240	-	-	-	-	-	-

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Analyte Method		Chloride 4500-CI-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
Table I - Closure Cr	iteria (0-4')	600	50	10	-	-	-	100
Sample ID	Sample Date							
Sample ID	Sample Date							
G-7 (24-27")	3/27/2023	28,000	28.7	<0.50	2220	29900	1630	33750
G-7 (48-51")	5/2/2023	720	-	-	<10	109	<10	109
G-7 (72-75")	5/15/2023	5,840	-	-	30.6	885	48.5	933.5
G-7 (96-99")	5/23/2023	5,680	-	-	<10	164	<10	164
G-7 (120-123")	5/26/2023	11,100	-	-	<10	103	<10	103
G-7 (144-147")	6/2/2023	3,720	-	-	<10	81.3	<10	81.3
G-7 (168-171")	6/9/2023	2,400	-	-	-	-	-	-
G-7 (192-195")	6/15/2023	1,020	-	-	-	-	-	-
G-7 (201-204")	7/27/2023	304	-	-	-	-	-	-
0.0 (04.07!!)	2/07/0000	20,000	0.00	10.05	20.0	2500	225	2047.0
G-8 (24-27")	3/27/2023	36,000	2.06	<0.05	92.9	3520	235	3847.9
G-8 (48-51")	5/2/2023	960	-	-	<10	142	<10	142
G-8 (72-75")	5/15/2023	4,840	-	-	377	4360	215	4575
G-8 (96-99")	5/23/2023	6,000	-	-	<10	91.1	<10	91.1
G-8 (120-123")	5/26/2023	15,400	-	-	-	-	-	-
G-8 (144-147")	6/2/2023	4,960	-	-	-	-	-	-
G-8 (168-171")	6/9/2023	2,200	-	-	-	-	-	-
G-8 (192-195")	6/15/2023	1,570	-	-	-	-	-	-
G-8 (201-204")	7/27/2023	416	-	-	-	-	-	-
0.0 (04.07!!)	2/07/0000	20.000	0.00	10.05	200	47400	4040	40000
G-9 (24-27")	3/27/2023	20,800	2.32	<0.05	289	17400	1210	18899
G-9 (48-51")	5/2/2023	4,960	-	-	12.5	1900	119	2031.5
G-9 (72-75")	5/15/2023	4,400	-	-	404	3340	155	3495
G-9 (96-99")	5/23/2023	4,560	-	-	<10	153	<10	153
G-9 (120-123")	5/26/2023	15,700	-	-	76.2	2560	158	2794.2
G-9 (144-147")	6/2/2023	8,480	-	-	32.9	1760	164	1956.9
G-9 (168-171")	6/9/2023	1,720	-	-	<10	152	<10	152
G-9 (192-195")	6/15/2023	4,400	-	-	<10	64.6	<10	64.6
G-9 (201-204")	7/27/2023	224	-	-	-	-	-	-
G-10 (24-27")	3/27/2023	10,000	11.6	<0.05	345	3280	196	3821
G-10 (48-51")	5/2/2023	6,240	-	-	<10	242	30.7	272.7
G-10 (72-75")	5/15/2023	12,800	-	-	<10	560	30.2	590.2
G-10 (72-73) G-10 (96-99")	5/23/2023	7,600	-	_	95.8	754	33.9	883.7
G-10 (90-99) G-10 (120-123")	5/26/2023	2,960	-	-	<10	20.5	<10	20.5
0 10 (120-120)	J/20/2020	2,300	_	_	-10	20.0	-10	20.0

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Analyte		Chloride	BTEX	Benzene	TPH (C6-C10)	TPH (>C10-28)	TPH (>C28-36)	TPH
Method		4500-CI-B	8021B	8021B	8015M	8015M	8015M	8015M
Table I - Closure Cr	riteria (0-4')	600	50	10	-	-	-	100
Sample ID	Sample Date							
G-10 (144-147")	6/2/2023	1,150	-	_	-	-	-	_
G-10 (192-195")	6/15/2023	992	-	_	-	-	_	<u> </u>
G-10 (192-193) G-10 (201-204")	7/27/2023	112		-			_	<u>-</u>
G-10 (201-204)	1/21/2023	112	-	-	-	-	-	-
G-11 (24-27")	3/27/2023	7,400	5.39	<0.05	131	2900	177	3208
G-11 (48-51")	5/2/2023	1,390	-	-	<10	222	<10	222
G-11 (72-75")	5/15/2023	912	-	-	<10	60.8	<10	60.8
G-11 (96-99")	5/22/2023	240	-	-	-	-	-	-
G-12 (24-27")	3/27/2023	26,000	12.4	<0.05	402	4690	276	5368
G-12 (24-27) G-12 (48-51")	5/2/2023	4,640	-	-	12.2	1520	103	1635.2
G-12 (40-31) G-12 (72-75")	5/15/2023	10,600	-	_	<10	422	29.1	451.1
G-12 (72-73) G-12 (96-99")	5/23/2023	·			38.7	387	10.6	436.3
, ,	5/26/2023	6,800 1,960	-	-	<10	37.3	<10	37.3
G-12 (120-123")		,	-					
G-12 (144-147")	6/2/2023	1,660	-	-	-	-	-	-
G-12 (168-171")	6/13/2023	576	-	-	-	-	-	-
G-13 (24-27")	3/27/2023	34,800	8.59	<0.05	374	2970	158	3502
G-13 (48-51")	5/2/2023	4,800	-	-	526	12900	60500	73926
G-13 (72-75")	5/15/2023	13,000	-	_	24.5	1520	108	1628
G-13 (96-99")	5/23/2023	672	-	_	14.5	206	<10	220.5
G-13 (120-123")	5/26/2023	944	-	_	1540	4090	173	5803
G-13 (144-147")	6/2/2023	20,000	-	-	<10	173	11.2	184.2
G-13 (144-147) G-13 (168-171")	6/13/2023	27,600	-	_	<10	116	<10	116
G-13 (177-180")	7/27/2023	272	-	_	<10	<10	<10	<10
G-10 (177-100)	772772023	212		_	110	110	110	110
G-14 (24-27")	3/27/2023	17,600	1.11	<0.05	33.9	1030	61.8	1125.7
G-14 (48-51")	5/2/2023	1,950	-	_	85.6	3010	212	3307.6
G-14 (72-75")	5/15/2023	496	-	-	<10	574	36.1	610.1
G-14 (96-99")	5/23/2023	336	-	-	<10	<10	<10	<10
, ,								
G-15 (24-27")	3/27/2023	4,560	0.466	<0.05	39.8	4780	319	5138.8
G-15 (48-51")	5/2/2023	928	-	-	<10	350	38.2	388.2
G-15 (72-75")	5/15/2023	416	<0.30	<0.05	<10	253	11.9	264.9
G-15 (96-99")	5/23/2023	1,500	-	-	<10	<10	<10	<10
G-15 (120-123")	5/26/2023	656	-	-	-	-	-	-

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Analyte Method		Chloride 4500-CI-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
Table I - Closure C	riteria (0-4')	600	50	10	-	-	-	100
Samula ID	Samula Data							
Sample ID	Sample Date	9.000		_			_	
G-15 (144-147")	6/2/2023	8,080	-		-	-		-
G-15 (168-171")	6/13/2023	7,200	-	-	-	-	-	-
G-15 (177-180")	7/27/2023	256	-	-	-	-	-	-
G-16 (24-27")	3/27/2023	320	<0.30	<0.05	<10.0	14.2	11	25.2
G-17 (24-27")	3/27/2023	480	<0.30	<0.05	<10.0	30.3	<10.0	30.3
G-18 (24-27")	3/27/2023	912	<0.30	<0.05	<10.0	61.6	<10.0	61.6
G-18 (48-51")	5/2/2023	496	-	-	-	-	-	-
G-19 (24-27")	3/27/2023	320	<0.30	<0.05	<10.0	79.4	<10.0	79.4
G-20 (24-27")	3/27/2023	1,300	1.24	<0.05	30.7	505	23.6	559.3
G-20 (48-51")	5/2/2023	512	-	-	<10	<10	<10	<10
G-21 (24-27")	3/27/2023	9,600	3.86	<0.05	96.3	665	34.9	796.2
G-21 (48-51")	5/2/2023	320	-	-	<10	10.7	<10	10.7
G-22 (24-27")	3/27/2023	1,520	45	<0.20	2120	9630	430	12180
G-22 (24-27) G-22 (48-51")	5/2/2023	336	-	-	<10	59.8	<10	59.8
G-23 (24-27")	3/27/2023	3,000	<0.30	<0.05	<10.0	129	<10.0	129
G-23 (48-51")	5/2/2023	464	-	-	-	-	-	-
G-24 (24-27")	3/27/2023	1,120	<0.30	<0.05	11.8	315	15.3	342.1
G-24 (48-51")	5/2/2023	400	-	-	<10	48.6	<10	48.6
C 25 (49 51")	5/2/2023	448	<0.30	<0.05	<10.0	<10	<10.0	<10
G-25 (48-51")	31212023	440	\U.3U	\0.03	~10.0	~10	~10.0	\10
G-26 (48-51")	5/2/2023	400	<0.30	<0.05	<10.0	14.9	<10.0	14.9
G-27 (48-51")	5/2/2023	544	<0.30	<0.05	<10.0	75.2	30.5	105.7
G-27 (72-75")	5/15/2023	-	-	-	<10.0	<10	<10.0	<10
G-28 (48-51")	5/2/2023	224	<0.30	<0.05	<10.0	132	98.5	230.5

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Analyte		Chloride	BTEX	Benzene	TPH (C6-C10)	TPH (>C10-28)	TPH (>C28-36)	TPH
Method		4500-CI-B	8021B	8021B	8015M	8015M	8015M	8015M
Table I - Closure Criteria (0-4')		600	50	10	-	-	-	100
Sample ID	Sample Date							
G-28 (72-75")	5/15/2023	-	-	-	<10.0	<10	<10.0	<10
G-29 (48-51")	5/2/2023	384	<0.30	<0.05	<10.0	80.4	62.8	143.2
G-29 (72-75")	5/15/2023	-	-	-	<10.0	23.9	<10.0	23.9
G-30 (48-51")	5/2/2023	576	<0.30	<0.05	<10.0	36.8	11.3	48.1
G-31 (48-51")	5/2/2023	496	<0.30	<0.05	<10.0	21.8	11.8	33.6
G-32 (48-51")	5/2/2023	528	<0.30	<0.05	<10.0	14	11.3	25.3
0.00 (40.541)	51010000		0.00	2.05	40.0		40.5	
G-33 (48-51")	5/2/2023	768	<0.30	<0.05	<10.0	30.5	10.5	41
G-33 (72-75")	5/17/2023	1,390	-	-	-	-	-	-
G-33 (96-99")	5/22/2023	1,020	-	-	-	-	-	-
G-33 (120-123")	5/26/2023	688	-	-	-	-	-	-
G-33 (144-147")	6/2/2023	1,200	-	-	-	-	-	-
G-33 (168-171')	6/13/2023	688	-	-	-	-	-	-
G-33 (177-180")	7/27/2023	448	-	-	-	-	-	-
C 24 (49 E4")	E/2/2022	4.540	<0.20	<0.0F	-10.0	200	22	400
G-34 (48-51") G-34 (72-75")	5/2/2023	1,540	<0.30	<0.05	<10.0 42.2	389 1240	33 58.8	422 1341
G-34 (72-75) G-34 (96-99")	5/15/2023	6,200 6,800	-	-	79.2	1710	96.3	1885.5
G-34 (90-99) G-34 (120-123")	5/26/2023	1,150	-	-	<10	35.9	<10	35.9
G-34 (120-123) G-34 (144-147")	6/2/2023	6,640	-		-	-	-	-
G-34 (168-171")	6/9/2023	1,220	-	-	-	-	-	<u> </u>
G-34 (100-1717) G-34 (192-195")	6/15/2023	4,040		-	-	-	_	<u> </u>
G-34 (192-193) G-34 (201-204")	7/27/2023	160	-	-	-	-	-	<u> </u>
O-04 (201-204)	772772020	100						
G-35 (48-51")	5/2/2023	1,920	<0.30	<0.05	<10.0	568	52.9	620.9
G-35 (72-75")	5/15/2023	1,200	-	-	<10.0	79.1	<10.0	79.1
G-35 (96-99")	5/22/2023	2,640	-	-	-	-	-	-
G-35 (120-123")	5/26/2023	880	-	-	-	-	-	-
G-35 (144-147")	6/2/2023	1,090	-	-	-	-	-	-
G-35 (168-171")	6/9/2023	944	-	-	-	-	-	-
G-35 (192-195")	6/15/2023	1,650	-	-	-	-	-	-
G-35 (201-204")	7/27/2023	192	-	-	-	-	_	_

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Analyte Method Table I - Closure Criteria (0-4')		Chloride 4500-CI-B	BTEX 8021B 50	Benzene 8021B 10	TPH (C6-C10) 8015M -	TPH (>C10-28) 8015M -	TPH (>C28-36) 8015M -	TPH 8015M 100
		600						
Sample ID	Sample Date							
G-36 (48-51")	5/2/2023	3,000	<0.30	<0.05	<10.0	515	28.3	543.3
G-36 (72-75")	5/15/2023	1,060	-	-	<10.0	36.2	<10.0	36.2
G-36 (96-99")	5/22/2023	3,040	-	-	-	-	-	-
G-36 (120-123")	5/26/2023	784	-	-	-	-	-	-
G-36 (144-147")	6/2/2023	1,650	-	-	-	-	-	-
G-36 (168-171")	6/9/2023	640	-	-	-	-	-	-
G-36 (192-195")	6/15/2023	880	-	-	-	-	-	-
G-36 (201-204")	7/27/2023	64	-	-	-	-	-	-
G-37 (48-51")	5/2/2023	1,960	<0.30	<0.05	<10.0	1010	73.7	1083.7
G-37 (72-75")	5/15/2023	768	-	-	<10.0	17.8	<10.0	17.8
G-37 (96-99")	5/22/2023	2,720	-	-	-	-	-	-
G-37 (120-123")	5/26/2023	960	-	-	-	-	-	-
G-37 (144-147")	6/2/2023	1,840	-	-	-	-	-	-
G-37 (168-171")	6/9/2023	1,120	-	-	-	-	-	-
G-37 (192-195")	6/15/2023	784	-	-	-	-	-	-
G-37 (201-204")	7/27/2023	160	-	-	-	-	-	-
G-38 (48-51")	5/2/2023	928	<0.30	<0.05	<10.0	164	21.3	185.3
G-38 (72-75")	5/15/2023	1,500	-	-	<10.0	15	<10.0	15
G-38 (96-99")	5/22/2023	736	-	-	-	-	-	-
G-38 (120-123")	5/26/2023	1,200	-	-	-	-	-	-
G-38 (144-147")	6/2/2023	1,140	-	-	-	-	-	-
G-38 (168-171")	6/9/2023	1,470	-	-	-	-	-	-
G-38 (192-195")	6/15/2023	800	-	-	-	-	-	-
G-38 (201-204")	7/27/2023	1,660	-	-	-	-	-	-
G-38 (210-213")	7/31/2023	176	-	-	-	-	-	-
			_	_		_		
G-39 (48-51")	5/2/2023	800	<0.30	<0.05	<10.0	229	17.4	246.4
G-39 (72-75")	5/15/2023	3,600	-	-	155	1230	62.5	1447.5
G-39 (96-99")	5/23/2023	1,330	-	-	<10	11.3	<10	11.3
G-39 (120-123")	5/26/2023	944	-	-	-	-	-	-
G-39 (144-147")	6/2/2023	848	-	-	-	-	-	-
G-39 (168-171")	6/9/2023	688	-	-	-	-	-	-
G-39 (192-195")	6/15/2023	800	-	-	-	-	-	-

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Table 1 Analytical Data Summary Post Excavation Soil Samples (mg/kg) Novo Oil Gas - Goonch Fed Com 0409-214H Flow Line Release Incident ID: nAPP2307966624 Near Loving, Eddy County, New Mexico

nalyte ethod		Chloride 4500-CI-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
able I - Closure Crite	eria (0-4')	600	50	10	-	-	-	100
ample ID	Sample Date							
-39 (15.5-16')	7/25/2023	128	-	-	-	-	-	-
-40 (48-51")	5/2/2023	21,400	<0.30	<0.05	<10.0	386	52.8	438.8
-40 (72-75")	5/15/2023	2,800	-	-	39.6	914	58.8	1012.4
-40 (96-99")	5/23/2023	480	-	-	<10.0	<10	<10	<10
-41 (48-51")	5/2/2023	3,200	<0.30	<0.05	<10.0	479	38.3	517.3
-41 (72-75")	5/15/2023	1,520	-	_	<10.0	264	15.9	279.9
-41 (96-99")	5/23/2023	480	-	-	<10.0	<10	<10	<10
40 (40 5411)	5/0/0000	4.440	0.00	.0.05	40.0			
-42 (48-51")	5/2/2023	1,440	<0.30	<0.05	<10.0	553	45.4	598.4
-42 (72-75")	5/15/2023	832	-	-	<10.0	144	<10.0	144
-42 (96-99")	5/23/2023	48	-	-	<10.0	<10	<10	<10
-43 (48-51")	5/2/2023	464	<0.30	<0.05	<10.0	209	17.4	226.4
-43 (72-75")	5/15/2023	-	-	-	<10.0	71	<10.0	71
-44 (48-51")	5/2/2023	496	<0.30	<0.05	<10.0	165	19.2	184.2
-44 (72-75")	5/15/2023	-	-	-	<10.0	65.2	<10.0	65.2
-44 (12-13)	3/13/2023	_		_	10.0	00.2	10.0	03.2
-45 (48-51")	5/2/2023	1,150	<0.30	<0.05	<10.0	227	26.9	253.9
-45 (72-75")	5/15/2023	592	-	-	<10.0	52.3	<10.0	52.3
-46 (48-51")	5/2/2023	656	<0.30	<0.05	<10.0	146	14.3	160.3
-46 (72-75")	5/15/2023	1,540	-	-	<10.0	267	16.3	283.3
-46 (96-99")	5/23/2023	1,870	-	-	<10.0	130	<10	130
-46 (120-123")	5/26/2023	1,280	-	-	<10	36	<10	36
-46 (144-147")	6/2/2023	8,080	-	-	-	-	-	-
-46 (168-171")	6/9/2023	1,650	-	-	-	-	-	-
-46 (192-195")	6/15/2023	2,000	-	-	-	-	-	-
-46 (201-204")	7/27/2023	560	-	-	-	-	-	-
-47 (48-51")	5/2/2023	320	<0.30	<0.05	<10.0	95.7	<10	95.7
· · · · /		,		3.55				
-47 (48-51")	5/2/2023	320	<0.30	<0.05	<10.0	95.7	<10	

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Table 1 Analytical Data Summary Post Excavation Soil Samples (mg/kg) Novo Oil Gas - Goonch Fed Com 0409-214H Flow Line Release Incident ID: nAPP2307966624 Near Loving, Eddy County, New Mexico

Analyte		Chloride	BTEX	Benzene	TPH (C6-C10)	TPH (>C10-28)	TPH (>C28-36)	ТРН
Method		4500-CI-B	8021B	8021B	8015M	8015M	8015M	8015M
Table I - Closure Cr	iteria (0-4')	600	50	10	-	-	-	100
Samula ID	Sample Date							
Sample ID	Sample Date	460		<0.0F	-10.0	-10	-10	-10
SW-1 (0-4')	5/2/2023	160	<0.30	<0.05	<10.0	<10	<10	<10
SW-2 (0-4')	5/3/2023	112	<0.30	<0.05	<10	<10	<10	<10
SW-3 (0-16')	8/1/2023	80	<0.30	<0.05	<10	<10	<10	<10
WW-1 (0-4')	5/2/2023	384	<0.30	<0.05	<10.0	16.4	<10	16.4
WW-1 (0-8')	6/15/2023	400	<0.30	<0.05	<10.0	26.1	<10	26.1
WW-2 (0-4')	5/2/2023	20,600	3.09	<0.05	545	17,700	1040	19285
WW-2B (0-6')	5/15/2023	1,800	-	-	<10	<10	<10	<10
WW-2-1 (0-8')	5/22/2023	32	-	-	-	-	-	-
WW-2-1 (0-16')	6/15/2023	256	<0.30	<0.05	<10	<10	<10	<10
WW-2-2 (0-8')	5/25/2023	<16	-	-	<10	<10	<10	<10
(0 0)	0,20,2020							
WW-3 (0-4')	5/2/2023	912	<0.30	<0.05	<10	290	13	303
WW-3B (0-6')	5/15/2023	784	-	-	<10	<10	<10	<10
WW-3-1 (0-8')	5/22/2023	48	-	-	-	-	-	-
WW-3-1 (0-16')	6/15/2023	576	<0.30	<0.05	<10	<10	<10	<10
WW-3-2 (0-8')	5/25/2023	32	_	_	<10	<10	<10	<10
WW-3-2 (0-16')	6/15/2023	1,460	<0.30	<0.05	<10	<10	<10	<10
WW-3-2A (0-16')	6/28/2023	96	-	-	-	-	-	-
WW-4 (0-4')	5/3/2023	240	<0.30	<0.05	<10	<10	<10	<10
WW-4 (0-16')	6/15/2023	176	<0.30	<0.05	<10	<10	<10	<10
E)A/ 4 (O 41)	5/0/0000	0.40	-0.00	10.05	.40	.40	-40	.40
EW-1 (0-4')	5/3/2023	240	<0.30	<0.05	<10	<10	<10	<10
EW-2 (0-4')	5/3/2023	432	<0.30	<0.05	<10	10.4	<10	10.4
EW-3 (0-4')	5/3/2023	352	<0.30	<0.05	<10	<10	<10	<10
EW-4 (0-4')	5/3/2023	560	<0.30	<0.05	<10	11	<10	11

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Table 1

Analytical Data Summary Post Excavation Soil Samples (mg/kg) Novo Oil Gas - Goonch Fed Com 0409-214H Flow Line Release Incident ID: nAPP2307966624

Near Loving, Eddy County, New Mexico

	Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
riteria (0-4')	600	50	10	-	-	-	100
Sample Date							
5/3/2023	352	<0.30	<0.05	<10	<10	<10	<10
6/15/2023	1,220	<0.30	<0.05	<10	<10	<10	<10
6/28/2023	128	-	-	-	-	-	-
	Sample Date 5/3/2023 6/15/2023	4500-CI-B 600 Sample Date 5/3/2023 352 6/15/2023 1,220	Sample Date 5/3/2023 352 <0.30	4500-CI-B 8021B 8021B 300-CI-B 8021B 8021B 4500-CI-B 8021B 8021B 4500-CI-B 50 10 5 4000 50 10 6/15/2023 352 <0.30	4500-Cl-B 8021B 8021B 8015M		A500-Cl-B 8021B 8021B 8015M 8015M

Notes:

All results are in mg/kg

Closure Criteria Soils - Table I of 19.15.29.12 NMAC

TPH - Total Petroleum Hydrocarbons - includes GRO, DRO, MRO

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

<RL - results were not detected above the Laboratory Reporting Limit

- Not analyzed

Bold indicates a detection above the Laboratory Sample Reporting Limit

Shading indicates that a detected result exceeded the NMOCD Table 1 Closure Criteria Levels

* - Closure Criteria based on depth to groundwater less than 51 feet below ground surface

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APPENDIX A Notification and Agency Correspondence From: OCDOnline@state.nm.us

To: Bryan Haney

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 200381

Date: Monday, March 27, 2023 9:07:03 AM

To whom it may concern (c/o Bryan Haney for NOVO OIL & GAS NORTHERN DELAWARE, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2307966624, with the following conditions:

None

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Jocelyn Harimon Environmental Specialist 575-748-1283 Jocelyn.Harimon@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural** Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2307966624
District RP	
Facility ID	
Application ID	199006

			Releas	se No	tificat	tion
			Resp	ponsib	le Party	y
Responsible	Party: Nove	o Oil & Gas Nor	thern Delaware,	LLC	OGRID: 3	372920
Contact Nan	ne: Kurt A.	Shipley			Contact Te	elephone: 405-286-3916
Contact ema	il: kshipley	@novoog.com			Incident #	(assigned by OCD): nAPP2307966624
Contact mail			shire Blvd., Suite	e 206		
			Location	of Re	lease So	ource
Latitude 32.3	34321760		Longitude (NAD 83 in de		104.08546 ees to 5 decim	
Site Name: 0	Goonch Fed	d Com 0409-214	H		Site Type:	Open Area between CTB and wellhead
Date Release	Discovered:	03/18/2023			API# (if app	•
Unit Letter	Section	Township	Panga	1	Coun	1447
M	33	T22S	Range R28E	Eddy	Coun	
Surface Owne			nibal Private (Nature and	d Volu	ıme of I	Release justification for the volumes provided below)
Crude Oi			sed (bbls): Estima		ns or specific	Volume Recovered (bbls): Estimated 1
Produced	Water	Volume Relea	sed (bbls): Estima	ited 3		Volume Recovered (bbls): Estimated 2
			ration of dissolved r >10,000 mg/l?	l chloride	in the	⊠ Yes □ No
Condensa	ate	Volume Relea	sed (bbls)			Volume Recovered (bbls)
Natural C	J as	Volume Relea	sed (Mcf)			Volume Recovered (Mcf)
Other		Volume/Weight	ht Released (provi	ide units)		Volume/Weight Recovered (provide units)
Com 0409-2 personnel ir and central	023 at appro 214H pad andicate the tank batter	rea. The entire cause of the rele y (CTB). Novo	volume of the re ease was the res was able to quick	elease wa sult of a l kly identi	as contain leak from fy the failu	uced water occurred near the Novo Goonch Fed ned within the immediate area. Field operation a 4" production flowline lead between the wellhead ure and shut in flow. of the release area (approximately 50' x 10' and

irregular shaped.

Received by OCD: 9/21/2023 10:15:45 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

	Pa	ge 4	103	of	45	6
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Incident ID	nAPP2307966624
District RP	
Facility ID	
Application ID	199006

Was this a major release	If YES, for what reason(s) does the responsible party consider this a major release?
as defined by 19.15.29.7(A) NMAC?	Released volume does not exceed 25 bbl
Yes No	
If VES, was immediate no	tice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
03/20/2023 – Bryan Har	ney conducted NMOCD online notification to obtain incident ID
	ney provided email notification to NMOCD - Mike Bratcher and Robert Hamlet ney provided email notification to BLM - Crisha
03/20/2023 – Bryan Hai	ley provided email notification to BEIN - Cristia
	Initial Response
The responsible p	arty must undertake the following actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the release	ase has been stopped.
The impacted area has	been secured to protect human health and the environment.
Released materials have	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and red	coverable materials have been removed and managed appropriately.
If all the actions described	above have <u>not</u> been undertaken, explain why:
All initial response action	ns above have been completed.
Remediation efforts (exc	cavated affected soil) will be confirmed with sampling.
,	,
has begun, please attach a	AC the responsible party may commence remediation immediately after discovery of a release. If remediation narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are r public health or the environm failed to adequately investiga	mation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and equired to report and/or file certain release notifications and perform corrective actions for releases which may endanger ent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have te and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Kurt A	. Shipley Title: Chief Operating Officer
Signature:	Date: March 21, 2023
email: <u>kshipley@novoo</u>	g.com Telephone: <u>405-286-3916</u>
OCD Only	
Received by:	Date:

To: Morgan, Crisha A; BLM NM CFO Spill@blm.gov
Cc: Kurt Shipley; Dara Tatum; Beate Damm

Subject: Novo Oil and Gas - Goonch Fed Com 0409-214H - Flow Line Release (minor release) - nAPP2307966624

Date: Thursday, March 23, 2023 7:04:00 PM

Attachments: <u>image001.png</u>

nAPP2307966624 - C-141 Initial Notification 03-18-2023.pdf MUE nAPP2307966624 Novo Goonch Release 03-18-2023.docx

Crisha,

Attached is the BLM MUE form and the C-141 submitted to the NMOCD. This was a minor release of 5 barrels of mixed oil and produced water. Novo is excavating the affected soil and Altamira will begin confirmation soil sampling next week. If you have any questions please let Kurt or I know.

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com





United States Department of Interior Bureau of Land Management Major Undesirable Event Report

Report Type: Initial	24-Hour □	15-D	Day/Final ⊠	C	Other/Fo	ollow-up □		
BLM Field Office: C	arlsbad, NM			State: N	lew Me	xico		
BLM Contact: Crisha	a Morgan			Date of	this Rep	ort: 03/20	0/2023	
Company Official Re	eporting to BLM:	Kurt S	Shipley (Nov	o) and B	ryan Ha	ney (Altar	nira)	
Operator: Novo Oil	& Gas Northern	Delawa	re, LLC					
Date/Time of Occurr	ence: 03/18/2023	at 5:00) pm	Date/Tir	ne BLN	1 Notified:	03/20/	2023
Field/Unit Name: M				Lease N	umber:			
State: NM Co	unty: Eddy		Twp:T22S	Rng: R2	28E	Sec:	33	Qtr:
Latitude/ Longitude:	32.34321760, -1	04.0854	6710			<u> </u>		
Surface Ownership: 1	BLM/Private	Feder	ral: 🗵	Indian: [State:		FEE □
Type and Relevant	Details of Event							
Oil Spill□	Oil/Water S	Spill⊠		Gas Ven	nting		Toxic 1	Fluid Spill□
Saltwater Spill□	Other Spill	(Specif	ic) 🗆	Blowout	t□		Fire□	
Injury □	Fatality□			Property	/ Damag	ge□	Explos	ion□
Nature and Cause of Minor release approx Fed Com 0409-214H	simately 5 bbl of							
Environmental Impac Surface soil in area a	pproximately 50		10 feet in irr	egular sl	nape.			
Time Required to Co		rs):	Approxima				1	
Volume Discharged			Oil: <u>2</u> bbls		ater: <u>3</u> 1		Gas: _	mcf
Volumes Recovered:			Oil: <u>1</u> bbls		ater: <u>2</u>	bbls		
Net Volume Lost:			Oil: <u>1</u> bbl	ls W	ater:	<u>l</u> bbls	Gas: _	mcf
Action Taken to Con	trol Event: Shut	down fl	low to flow l	line to rep	pair.			
Resulting Damage: 1	minor surface sta	ining						
Clean-Up Procedures affected soil.	: Use of vacuum	truck a	and soil exca	vation m	achiner	y to remov	e stand	ling liquids and
Cause/Extent of Pers	onal Injury: None	e						
Actions the operator to stop flow and repa		take to	prevent a rec	currence	of the i	ncident: P	ipe flov	v line was shut in
Agency	Agency Name			Contact	Name		Date/1	Гіте
Notification List:	NMOCD			Mike Br		,		2023 at 8:15pm
(Federal/ State/	BLM			Crisha N	Morgan	(email)	03/20/2	2023 at 8.15pm
Local):								

Remarks: Include available Major Undesirable Events (MUE) history (attach additional sheet, if needed) for the past 3 years of the same well. Include pictures, if available.
None associated with this flow line.

From: <u>Hamlet, Robert, EMNRD</u>

To: Bryan Haney

Cc: Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD

Subject: (Final Extension) Request for Time Extension Novo Goonch H Pad - nAPP2307966624

Date: Thursday, September 14, 2023 11:51:42 AM

Attachments: <u>image003.png</u>

RE: Incident #NAPP2307966624

Bryan,

Your request for an extension to **September 22nd, 2023** is approved. This will be the **final extension** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave.| Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Bryan Haney <Bryan.Haney@altamira-us.com>

Sent: Thursday, September 14, 2023 8:07 AM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>

Subject: [EXTERNAL] Request for Time Extension Novo Goonch H Pad - nAPP2307966624

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Rob,

I believe our current extension was through 9/16/2023. We have completed all field work and seeding. I just need a few extra days to get the report completed. Can you extend our time to 9/22/2023?

Thanks for your consideration, Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Corpus Christi, Texas

Bryan.Haney@altamira-us.com

From: OCDOnline@state.nm.us

To: Bryan Haney

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 199006

Date: Monday, March 20, 2023 7:31:02 PM

To whom it may concern (c/o Bryan Haney for NOVO OIL & GAS NORTHERN DELAWARE, LLC),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2307966624,

with the following conditions:

• When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.

Please reference nAPP2307966624, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the "RP" number. If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 From: Bryan Haney
To: Morgan, Crisha A

Subject: Novo Goonch Pad H Remediation (Goonch Fed Com 0409-214H) BLM Sundry Form

Date: Monday, May 22, 2023 1:10:00 PM

Attachments: image002.png image003.png

Sundry Notice - Novo Goonch Fed Com 0409-214H.pdf

Crisha,

Attached is the Sundry form for the smaller release that occurred on March 18, 2023. I already submitted the MUE form. The botany survey that you cleared included this area as well.

If you need anything further, please let me know.

Thank you

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Kurt Shipley <kshipley@novoog.com>

Sent: Monday, May 22, 2023 8:19 AM

To: Bryan Haney <Bryan.Haney@altamira-us.com>

Cc: Dara Tatum <dtatum@novoog.com>

Subject: RE: [EXTERNAL]Goonch Pad H Remediation BLM Sundry Form

here you go

Kurt A. Shipley Novo Oil & Gas, LLC



From: Bryan Haney < <u>Bryan.Haney@altamira-us.com</u>>

Sent: Sunday, May 21, 2023 9:14 PM **To:** Kurt Shipley kshipley@novoog.com>

Cc: Dara Tatum < dtatum@novoog.com>

Subject: [EXTERNAL]Goonch Pad H Remediation BLM Sundry Form

THIS MESSAGE HAS ORIGINATED OUTSIDE OF THE ORGANIZATION. PLEASE CONFIRM THE SENDING ADDRESS. THIS EMAIL IS FROM AN EXTERNAL SENDER. USE CAUTION WITH LINKS AND ATTACHMENTS!

Kurt,

Can you please sign the attached Sundry form for Pad H. Crisha at the BLM asked for us to start sending these to her for releases.

Thank you

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com



To: Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD; Morgan, Crisha A; BLM NM CFO Spill@blm.gov

Cc: <u>Dara Tatum</u>

Subject: 48-HOUR NOTIFICATION OF SOIL SAMPLING - nAPP2307966624 - Novo Goonch Fed Com 0409-214H

Date: Friday, March 31, 2023 11:50:00 AM

Attachments: <u>image001.png</u>

Rob, Mike and Crisha,

Please allow this email to serve as the 48-hour notification for upcoming confirmation soil sampling at the above referenced Site. Initial excavation and sampling has been conducted that indicate further excavation and confirmation soil sampling will be necessary. Novo intends to conduct further excavation activities in the next few days. Once excavation is complete, Altamira will collect confirmation soil samples for analysis of chlorides, TPH and BTEX.

If you have any questions please let me know,

Thank you

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com



To: Morgan, Crisha A; Hamlet, Robert, EMNRD; BLM NM CFO Spill@blm.gov

Subject: Novo Goonch Fed Com 0409-214H Status Update and Notification of Sampling

Date: Thursday, May 11, 2023 9:03:00 AM

Attachments: <u>image001.png</u>

RE: nAPP2307966624

Morgan and Rob,

This email is to provide a simple update on Site remediation activities and notification of continued excavation and sampling.

Novo will continue to conduct excavation at the release location followed by confirmation soil sampling. Exact dates for sampling vary. Initial soil samples were collected on March 27, 2023. A second round of excavation and sampling was conducted on May 3, 2023. We anticipate further sampling late next week.

If there are any question please let me know.

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com



To: Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD; Morgan, Crisha A; BLM NM CFO Spill@blm.gov

Cc: Kurt Shipley; Dara Tatum; Brad Walls; Beate Damm

Subject: Novo Oil and Gas - Goonch Fed Com 0409-214H Flow Line Release - Incident ID: nAPP2307966624 - March 18,

2023

Date: Monday, March 20, 2023 8:18:00 PM

Attachments: <u>image001.png</u>

Rob, Mike and Crisha,

This email is being provided to serve as initial notification of the above mentioned minor release.

On 03/18/2023 at approximately 5:00pm, a minor release of oil and produced water occurred near the Novo Goonch Fed Com 0409-214H pad area. The entire volume of the release was contained within the immediate area. Field operation personnel indicate the cause of the release was the result of a leak from a 4" production flowline lead between the wellhead and central tank battery (CTB). Novo was able to quickly identify the failure and shut in flow. Initial cleanup activities have been conducted.

Coordinates: 32.34321760, -104.08546710

Novo has submitted the initial online notification to the NMOCD and an incident ID has been issued. Novo will submit the C-141 and BLM MUE as soon as possible.

If you have any questions please let us know,

Thank you,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com



From: <u>Hamlet, Robert, EMNRD</u>

To: Bryan Haney

Cc: Kurt Shipley; Dara Tatum; Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD

Subject: (Extension Approval) - nAPP2307966624 -Novo Goonch Fed Com 0409-214H

Date: Friday, June 9, 2023 2:14:08 PM

Attachments: <u>image003.png</u>

RE: Incident #NAPP2307966624

Bryan,

Your request for an extension to **September 16th, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Bryan Haney <Bryan.Haney@altamira-us.com>

Sent: Friday, June 9, 2023 8:47 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>

Cc: Kurt Shipley <kshipley@novoog.com>; Dara Tatum <dtatum@novoog.com>

Subject: [EXTERNAL] nAPP2307966624 -Novo Goonch Fed Com 0409-214H - REQUEST FOR TIME

EXTENSION

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

RE: nAPP2307966624

Rob,

We continue to conduct soil remediation associated with this minor release; however, we are hitting solid rock in the grid areas that are failing for chlorides (cleanup level 600 mg/kg). We will certainly need additional time to attempt to complete remediation and submit the closure report. Because of the hard rock nature of this area, I think we need at least 90-days. I may also be reaching out to you for technical thoughts on this particular rocky area and how the OCD has handled this historically.

Thank you for your consideration,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com altamira-us.com



To: <u>Hamlet, Robert, EMNRD</u>; <u>Bratcher, Michael, EMNRD</u>; <u>Morgan, Crisha A</u>

Cc: <u>Kurt Shipley</u>; <u>Dara Tatum</u>

Subject: nAPP2307966624 - Novo Goonch Fed Com 0409-214H - REQUEST FOR TECHNICAL VARIANCE

Date: Friday, July 21, 2023 12:26:00 PM

Attachments: Table 1 - Analytcal Data Table - Goonch Flow Line Release.pdf

image001.png

NVONM2303 - FIGURE 1.pdf

Rob, Mike and Crisha,

We have been working on this smaller release area since March 2023. I have attached a current Site Plan showing the release area, grid analytical status/depth, and various underground pipelines. I have also attached the current data summary table that provides all data collected to-date for each grid area and side-walls.

Novo is requesting a technical variance of further soil excavation vertically at this Site. The request for technical variance is based on the following:

- Lateral Delineation has been achieved in all side-walls for the release area, demonstrating lateral control;
- There are 15 grids within the defined area that have been excavated to a depth ranging from 14-16 feet below ground surface,
- Chloride concentrations analyzed vertically at each of the grids generally is demonstrating gradual attenuation of chlorides and demonstrate the mass of chloride affected soil has been removed;
- There area 5-6 underground pipelines within this area the prevent safe benching for further excavation of rock and soil;
- Rock shelves and unconsolidated large rock areas are present. Further breaking of the rock at depth potentially jeopardizes the operational safety of the active pipelines;
- Hydro-excavation cannot be conducted in most areas at this point due to the hard rock;

It is the understanding of Novo that a technical variance to limit excavation vertical depth may be acceptable as long as lateral delineation has been demonstrated. Please let Kurt or I know if you need any further information or data to help with this variance request.

Thank you for your consideration,

Bryan Haney

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com



From: Bryan Haney
To: Morgan, Crisha A

Subject: FW: nAPP2307966624 -Novo Goonch Fed Com 0409-214H - REQUEST FOR TIME EXTENSION

Date: Friday, June 9, 2023 9:50:00 AM

Attachments: image001.png

Hi Crisha,

See below the request for time extension with the NMOCD.

If you have time can you give me a call to discuss this area and maybe any experience on how others have delt with remediation of chlorides in rock?

Thank you

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Bryan Haney

Sent: Friday, June 9, 2023 9:47 AM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>

Cc: Kurt Shipley <kshipley@novoog.com>; Dara Tatum <dtatum@novoog.com>

Subject: nAPP2307966624 -Novo Goonch Fed Com 0409-214H - REQUEST FOR TIME EXTENSION

RE: nAPP2307966624

Rob,

We continue to conduct soil remediation associated with this minor release; however, we are hitting solid rock in the grid areas that are failing for chlorides (cleanup level 600 mg/kg). We will certainly need additional time to attempt to complete remediation and submit the closure report. Because of the hard rock nature of this area, I think we need at least 90-days. I may also be reaching out to you for technical thoughts on this particular rocky area and how the OCD has handled this historically.

Thank you for your consideration,

Bryan

To: <u>Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD</u>

Cc: <u>Kurt Shipley</u>; <u>Dara Tatum</u>

Subject: nAPP2307966624 -Novo Goonch Fed Com 0409-214H - REQUEST FOR TIME EXTENSION

Date: Friday, June 9, 2023 9:47:00 AM

Attachments: <u>image001.png</u>

RE: nAPP2307966624

Rob,

We continue to conduct soil remediation associated with this minor release; however, we are hitting solid rock in the grid areas that are failing for chlorides (cleanup level 600 mg/kg). We will certainly need additional time to attempt to complete remediation and submit the closure report. Because of the hard rock nature of this area, I think we need at least 90-days. I may also be reaching out to you for technical thoughts on this particular rocky area and how the OCD has handled this historically.

Thank you for your consideration,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com



From: <u>Hamlet, Robert, EMNRD</u>

To: <u>Bryan Haney</u>; <u>Bratcher, Michael, EMNRD</u>; <u>Morgan, Crisha A</u>

Cc: <u>Kurt Shipley</u>; <u>Dara Tatum</u>

Subject: RE: [EXTERNAL] nAPP2307966624 - Novo Goonch Fed Com 0409-214H - REQUEST FOR TECHNICAL VARIANCE

Date: Monday, July 24, 2023 10:08:16 AM

Attachments: <u>image003.png</u>

Bryan,

Please continue to vertically delineate the release area until it meets closure criteria standards. If rock refusal interferes with the remediation process, use a back-hoe/track-hoe to remove the rock. If the rock is immovable and target depth cannot be reached, use a hydrovac to clean the contaminated soil off the rock surface and outline specific locations and steps taken on the Closure Report. Once completed back-fill to surface with clean material. Please let me know if you have any further questions.

Regards,

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Bryan Haney <Bryan.Haney@altamira-us.com>

Sent: Friday, July 21, 2023 11:27 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Morgan, Crisha A <camorgan@blm.gov>

Cc: Kurt Shipley <kshipley@novoog.com>; Dara Tatum <dtatum@novoog.com>

Subject: [EXTERNAL] nAPP2307966624 - Novo Goonch Fed Com 0409-214H - REQUEST FOR

TECHNICAL VARIANCE

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Rob, Mike and Crisha,

We have been working on this smaller release area since March 2023. I have attached a current Site Plan showing the release area, grid analytical status/depth, and various underground pipelines. I have also attached the current data summary table that provides all data collected to-date for each grid area and side-walls.

Novo is requesting a technical variance of further soil excavation vertically at this Site. The request

for technical variance is based on the following:

- Lateral Delineation has been achieved in all side-walls for the release area, demonstrating lateral control;
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- There area 5-6 underground pipelines within this area the prevent safe benching for further excavation of rock and soil;
- Rock shelves and unconsolidated large rock areas are present. Further breaking of the rock at depth potentially jeopardizes the operational safety of the active pipelines;
- Hydro-excavation cannot be conducted in most areas at this point due to the hard rock;

It is the understanding of Novo that a technical variance to limit excavation vertical depth may be acceptable as long as lateral delineation has been demonstrated. Please let Kurt or I know if you need any further information or data to help with this variance request.

Thank you for your consideration,

Bryan Haney

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com





APPENDIX B Soil Boring Log SB-1

		BORING RECO	RD		SP	-		
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAMPL	E	REMARKS
		32,3420774 OUTSIDE -104.0856686 DELINGATI	50	GRAPHIC LOG	NUMBER	OVM READING	DEPTH	BACKGROUND OWN READING: SOIL: PPM AIR: PPM
	5 —	0-1' Brown Sandy Sit (ML) & CALCUTE, DI 1-3' BROWN SANDY SILT-SILT (ML), HAD DRY 3-B' TAN-WHITE STANDY SILTY (ML)-POCK INTER BEDDED	RY ML RD ML			000000		Q 5
	10 —	8-18' TAN SILTY SAND (SM), SOME RUCK HARD, DRY, USRY FINE GRA	INE			2		10-
	15 —		SM			0		15
	20 —	18-35' BRUWN SILTY SAMOY CLAY(CL) STIFF, DAY, LUW PLASTICITY			(0		20
	25 —	SUT MOIST @ 35' BGJ BECOMING DARKER BROWN IN COLUR	CL			O		25
	30 —			2-19-5112		3		30
	35 —							35
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION PI UNDISTURBED SAMPLE — PENETROMETER (TONS/SQ. FT.)	ROJECT NAME Novo - Culebr ROJECT NUMBI DRING NUMBER	R NVO	NM210		d Water	
;	3700 West F		DRILLED BY:	1 25 Direct Pr	12 oz	Rotary HITE		

		BORING RECO	ORD			S	1-8	(CONT	-)
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				_	SAM	IPLE		REMARKS
ONI		32.3470774 -104.0856686		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OWN READING: SOIL: PPM AIR: PPM
	35 - - - 40 -	35-46' DORIC BROWN - ORANGE BROWN SICTY CURY (CL), HARD-STIFF, SIT. MUIST, MEDIUM PURSOCIAM	1		10000		0			35 — 45 —
	45	47-50' ORANGE/BRUWN SAND, FINE 644 WET-SATURATED, WELL SURTED	ANS)				0			45
	50 — —						0	1		50 —
	<u>***</u>	TD= 58' B6S								505
	25 -	Sitmples: 0-1'@ 957 2-3"@ 1004 3-4'@ 1006 5-6'@ 1008 9-10'@ 1015			111111111111111111111111111111111111111					25
	38 —									50
	35 —									35 —
		CME CONTINUOUS AUGER SAMPLER WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY	PROJECT Novo	- Culebra NUMBE	R NV	ONM2		luced	Water	r Line Release
	3700 West	Robinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRI DRILLING MET DRILLE LOGGEI CHECKEI	THOD: TO BY: TO BY: TO BY:	Z5 Direct	7027 Push//	Air Ro	RAWING		



APPENDIX C Photographic Documentation



March 24, 2023 - View north at initial excavation area



March 24, 2023 - View south at initial excavation area



May 3, 2023 - View north at excavation area expanded



May 19, 2023 - View south at further excavation to the west and partial backfilling on the east portion



June 13, 2023 - View south at western portions of the excavation and deeper grid areas



August 15, 2023 - View northwest at final portions of western excavation area



August 17, 2023 - View southeast at backfill operations



August 21, 2023 – View north at continued backfill and compaction operations

Appendix C
Photograph Log – Goonch Fed Com 0409-21H Flow Line Release Incident ID: nAPP2307966624



BLM required seed mix



View south at fully reclamated area - backfilled and bermed pad area



View west at reclamated pad area



View south at reclamated area off-pad on BLM property



APPENDIX D Field Documentation

Received by OCD: 9/21/	2023 10:15:45 AM	11
		,

Client: NOVO Oil & Gas

Date: 3-27-23

Project: NVOLM 2203/001 Grancu Revease

By: H. GONTENEZ

Objective: Locate and Mark Sampling grids, Collect all Samples in the Spill area and lest for TPH, BTEX, and Chiorides.

Altamira Staff on Site: High in Conzuez

Weather: Cool sunny 52 OF

ALTAMIRA

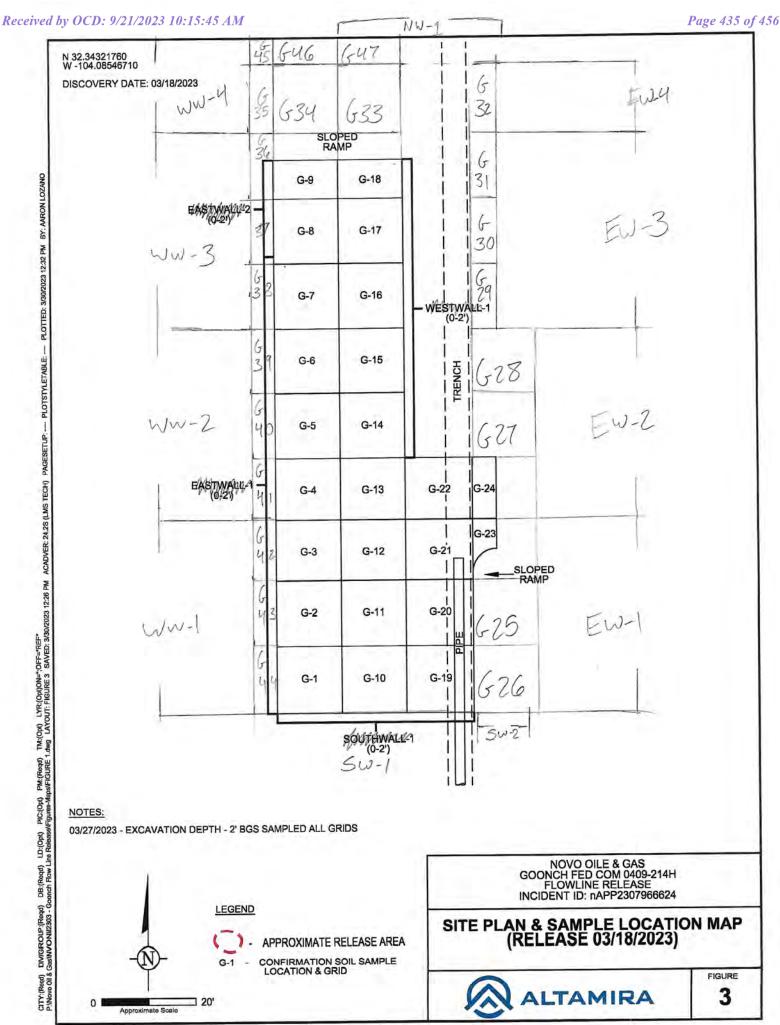
Left Curlsbad cut 0800 to drive to site, stopped to get ice for sample coder-On cumbral to site, started filling out 15th and got field notes/map started. I Noted, Pipeline trench that was originally 4' Below grade was now 6' below grade. There was also a Substantial Pile of Material (cuivae) along the East boundary. East wall was collapsed and rounded by excavator tracks, chable to collecte Sidewalls there.

After setting up and measuring grids, marked grid contents on the grand using unisker spikes. Determined there to be atotal Of 24 Floor sample grids and 4 sidenal locations.
Collected grids 6-1 to 6-24 at 24-27" in depth, and 4 side wall samples.

Southall -1 (0-2') Eastwall -1 (0-2') Eastwall -2 (0-2') Westwall -1 (0-2')

Praces all Samples in Sample Jars and put them on ice. Collected field tools and Cleaned up work area after filmy out Sample papermork and left site at 1245 back to Carisbas.

ALTAMIRA		lient:	MOVO		Page: of Date: 3/24/2073 By:
				\"= 20	20° N
			Andrewson. streethers. streethers.		W-J-E
	Rim	PED	· ·		
Eastwall 3	G9	618	* Company of the Comp		
-2 0-2'	(18	617			
	67	GIL	Westu 0-2	all	
	676	G15	0-6		
	GS	GN			
SIGEMAL	64	G13	922 24		
Easter11 -1 -1 -2'	63	GNZ	SIDEWALL STORMAN		
	G 2	GN	in the state of th		
	GI	Glo	619		
	South	In Curlos			



Received by OCD: 9/21/2023 10:15:45 AM		Page: of
	Client: NOVO OGG Project: Com a Release	Date: <u>5-2-23</u> By: <u>Hu Genalez</u>
Objective: Collect restor reflect locations on ventuer: Hot, Summy, Rainy Staff on Site: H. Gontalez O730: Left Carisbad to head arrived on Site at 08/10. Figure. O730: Left Carisbad to head arrived on Site at 08/10. Figure. O715: Got equipment ready the Spiril Excavated carea. Collected 13 Samples, the Site. Il eturned to Site to a excavated carea. Noted d'Scoloration a G 42, G-41. Also noted collected 48 total Samples Collected 48 total Samples Collected 48 total Samples Collected: G-1 G-26 G-3-23 to Collect read Side of G-3-23 to Collected: G-1 G-26 G-27 G-3 G-28 G-4 G-39 G-6 G-31 G-7 G-32 G-8 G-33 G-9 G-34 G-10 G-35 G-12 G-37 G-13 G-38 G-14 G-39 G-15 G-40 G-18 G-40 G-18 G-40 G-18 G-40 G-18 G-40 G-19 G-45 G-20 G-42 G-21 G-43	I to site in loving. Stopped to get started measuring out grid locations to start collecting soil samples, starting in 1ett site temperarily to address collect remaining samples on the strong odor but no discoveration of strong odor but no discoveration closes, stopped sample collection contents to head to hobbs to drop on aniver sidewall samples.	By: 5-2-23 By: H. Genalez A ice for sample coolers. S, and Mouted site Is on the east side of S confier Novo (trades) L. West side of the Ne west wall by Ne by G10: Sit 1350 as rain clouds L. Dain Started at
G-20 G-42 G-21 G-43 G-22 G-44 G-23 G-45 G-24 G-46 Refeased to finaging: 3/11/2024 1:57:55 PA	M—————————————————————————————————————	

Received by OCD: 9/21/2023 10:15:45 AM	1/01/0 066	Page: Page: 437 of 43 Date: 5 -3 - 23
ALTAMIRA	Client: NOVO 096 Project: Goonch Release	By: H Gon alez
Objective: Collect remo	anity Samples on sidewalls.	
weather: HOT, Sumy, a	indy-	
Stalf on Site: H. Gonza	ulez.	r
Collected 7 sidewall Su hard Stone. Collected 10056	ogoo, got Sampling equipment rend is. Used Measury tape to ens imples at 0930, noted Eastwall e soil that I was able toget to a rocks to include Smaller rocks to and labled Samples, filled out	s a sidewall set fell that



Page: fof Date: 8-15-23

Project: NVO VM 2303/00

By: H. Garalez

Stuff on Site: H. Garagez (Rognes Contrater · 0700, Stated boltfill Offictions on Grunch Pad. Using Vibrating Poller to Pack Gravel Substrate that was Staged on Site. Waiting for water truck for layer compation. Water truck scheduled to show up at on 8-16-23 @ 0800. Also set to besty haveling in Calific as fad material. 1804 site to other Novo site at 1000. Rouge 1844 site at 1659.



Client: NOVO 096

Page: 1 of 1

Date: 8 - 16 - 2

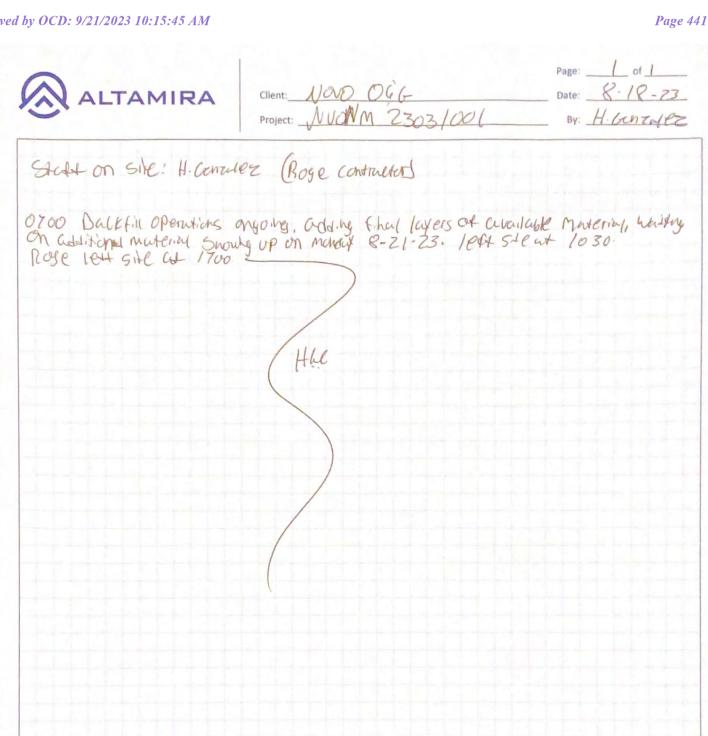
Project: NOVM 7303 1001

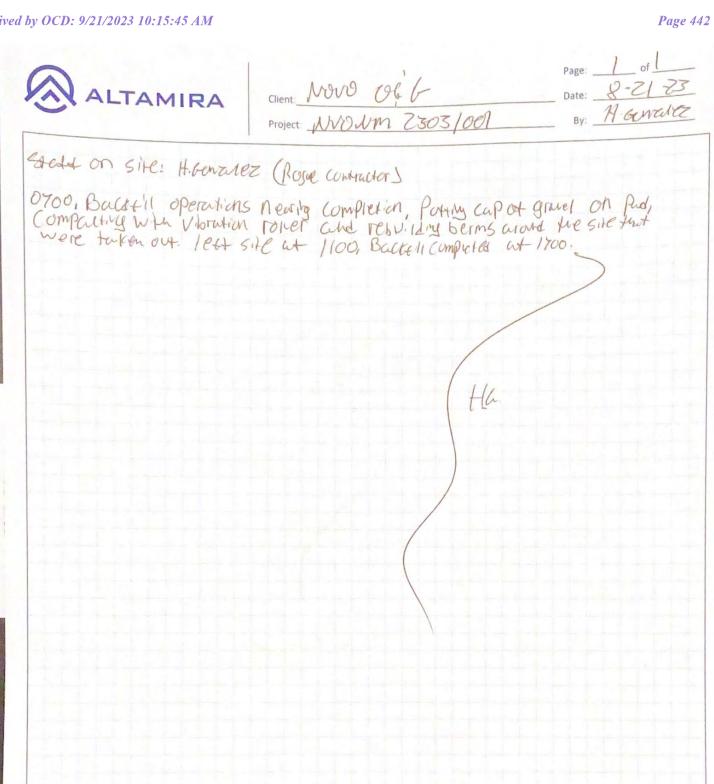
By: H. Canzale

Staff on Site: H. Conzulez, (Rogue Contractor) 0700: Backfill operations ongoing, USI'S treua roller for the more Narrow Sections of the excavation. Materials should up today to Gid in Compathing the Pad material. Left site cot 1/30, Rogue 194 site at



Statt on Six: H. Generez (Rogue contractors) 0700 Balffil operations ongoing. UP close to the final layers of mutaral needed. Will be capping pad making with gravel over the Cariche, and topsois for oft Pad excalated when the west. left size at 1100, Rose let size at 1700







Client: NOVO OFF Date: 9-6-23

Project: NVONN 2303/001 By: H-Gon Zipe

Project: NVONIN 2303/00/ BY: H. GONZIPE Staff on site: LOC Contractor · Seeding on att Pad area Perfamed with approved BLM Seed M.X.-Droudless seeded at 3x the rate.



Client: NOVO Oil 9 Gas

Project: NVONM 2203/00[

By: H. Gonzalez

1 Pipe Treuch largeraren 2' below Trenchi 4' Below Grade. Unexacuated Chinelback 32.347087



Client: NOVO O & G Date: 5-25-23

Project: Gocn Ch R D 1848E NVO 1 m 2303 (Odby: H. Gen TUBE)

Project: Gocna Release NVOLM 2303/Odby: H. Gan TURE Objective: Mark Girs for futher excavation, Collect hand lugar samples on the west wall, Collect cary samples in excavated arrosand take them to the lab. Ventres: Hot, suny, Scattered Showers. · Armbed on site at 0880, organized the team on areas to Oxicial. · Identified Creas to Contect hand Auger Samples in, Conected too hard Auger Samples along the nest hall to establish extent of contamination. · excavation Still angoing, will collect floor samples tomerrow.

1ett site at 1030 to taxe samples to the lab-HGI



Client: NOVO 096

Page: 1 of 1

Date: 5-26-23

Project: NONM 2503/001

By: H.Gon alez

Objective: Correct remainly floor samples that were dig out 5-25-23. Statt on Side: H. Genalez Wenther: Act, Smy. · Assived on Site at 1230, Identified remarry floor Samples to be collected. Noted, hand digging Still organg, however, gries expossed enough to collect those samples. (ollected 18 Surples 120-173" BG. 64,5,6,7;8,9,10,12,13, 15,33,34, 35,36,37,38,39,46. Placed samples in sample surs, filled out COC' and 184+ to 106 at 1500. 1/60



Page: 1 of 1
Date: 6 - Z - Z 3
By: H. Genzuez ALTAMIRA Client: NOVO OFF Project: Wolm 2303/001

Object-le: Collect flour surples fruit vere executed futher.
Staff on site: H. Garalez
Wenter: Hot, Sunny, High Winds
· Assired on site at 1330, Located sample gras using new field map.
Collected 17 Samples. G 5,6,7,8,9,10,12,13,15,33,34,35,36,37,38,39,46 CA 144-147" BG. On Oted, Sidenalis are getting too High. Unable to bench or Slope due to addicent DCP Pipeline and Novo flow likes.
left Site at 1530 to lab in Lobos.
(Ha



Client: NOVO 0 6 Date: 6 -9 - 23

Project: MOUM 2303/001 By: 14-6472487

Objective: Collect floor samples that were exampled deeper. Staff on Site: H. Gantalez Wenther: Hot, Sunny, Glord Pack Clords Present, but no Precipitation. · Arrived on site cut 1400, identified grids to be sampled. Noted, floors are solid rock, sampled soil that rested on top of rocks around 3" thick. Collected 11 Sumples: 6 6, 7,8,9, 34, 35,36, 37,38,39,46@ 168-171" Bt. Juried Soil Sumples and Fireford Coc's. 1est to the lab at 1530. Hac



Client: NOVO 016

Date: 6-13-23

Project: NONN 2303/001

By: H. Conzyez

Project: WONN 2303/001 By: H. Congrez fre day Prov. Objective: Collect remaking Samples that were duy by hand Statt on site: H. Genalez wenter: Hot, Sunny. · Allived on site at 0730, located remaining glids to be sampled-collected 4 samples, 612, 13,15, 33. @ 168-171"BG. Noted, sidewalls in this area that were hand duy are getting deep and dangerous, ONLY GEORSIBLE W/lader. 1 PIT SITECAT, 0845. Took samples to lab Glorg with other Navo samples from cultorablut remedication site. Ha



Objective: Mark excavated areas front Need to be dry deeper; Callect Bacyround Samples off the Pad Site in nature soil.

Weater: Act, Sunny 800F

STUFF! Hibentuez

Aimed on Site at 0945, got equipment ready, Field map to measure and mark areas with marking paint to be excavated a further 25. spoke with NOVO Staff (Pete Tivite) and he advised excavaten would begin on Findy 5/12

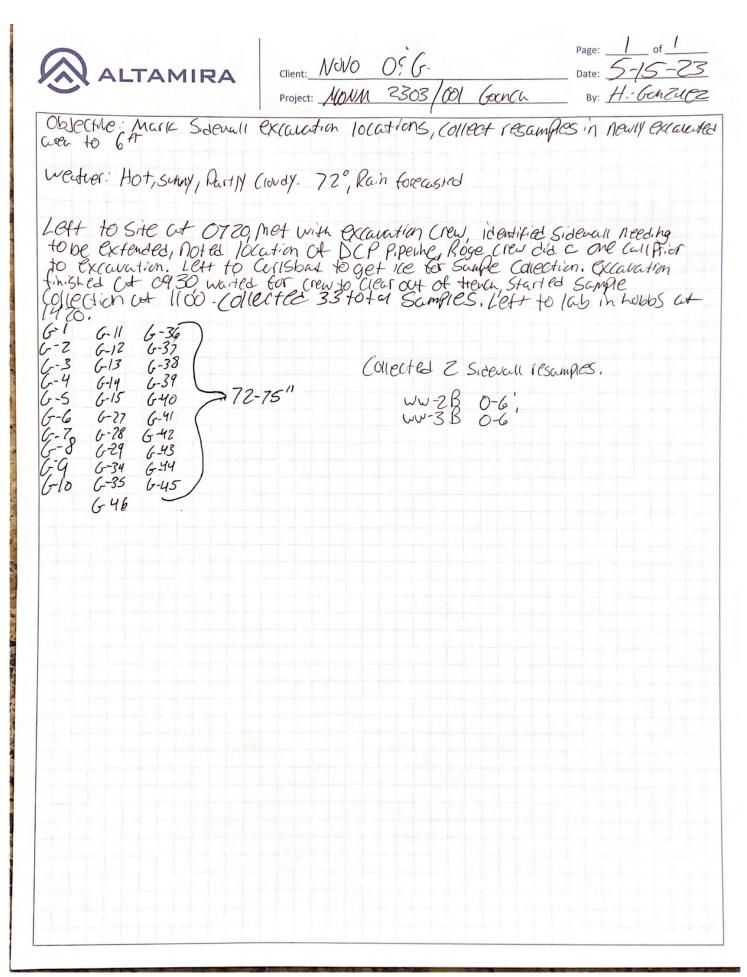
1400: Peterned to sail site to callect BG Samples off the Rad stemphand

Collected 4 Samples total, Soil was loose light Brown to Orange in color, Sandy Silt in appearance up to 1.75%, where that was hard Stone that was easily manifeated Out of the Sample hole with the wayer to be separated from the Sample Jar.

BG-1 32.342254 -104.086485 BG-2 (0-1) BG-2 (0-1) BG-2 (1-2)

Filled out COC'S and Placed Samples in Jars on ice. To be Andrzed for TPH BTEX. left to lab in hobbs at 1500.

HGe





Page: 1 of 1

Date: 5-22-23

Project: Cracka Reloage Norm 230 foolby: H. Garage

HLe

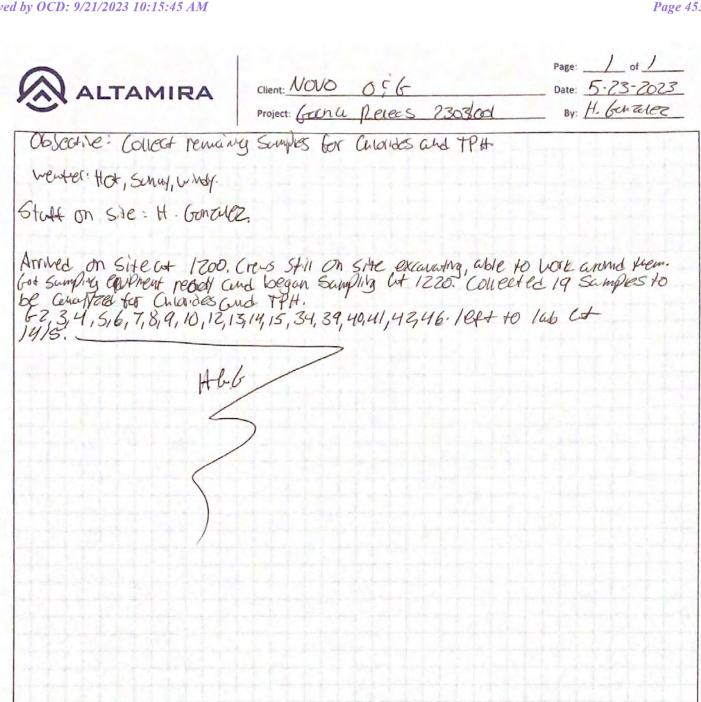
Objective: Follow up w/excavation crew, collect sampes at new B'derth, collect 2 Hand Augel borings on ww2, ww3 to determine how far to extend the nall

Wenter: Hot, Sunny, Light Showers

Staff on Side: H. Gonzalez

Arrived on site at 0830, Checked in who excavation Crew, Excavation in Progress by hund (Pickake, shove) and hydrovac trak on site to expose 6" pipenhe in trench teft site at 0915 to open Navo site. Peturned to novo Granch site at 1330, to locate base hole locations and collectiony Samples around the workers! Equipment. Started on box noves for hand auger on two west malls 1.5' west to determine how far we proved to extend sizewall.

extend sizerull. Collected 611, 33,35,36,37,38. 184 to lab at 1530.





APPENDIX E Waste Management Documentation



APPENDIX F Laboratory Analytical Data Reports

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 267714

CONDITIONS

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	267714
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Closure Report Approved.	3/11/2024