

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 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District 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 the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kurt A. Shipley

Title: Chief Operating Officer

Signature: 

Date: 9-20-2023

email: kshipley@novooog.com

Telephone: 405-286-3916

OCD Only

Received by: _____

Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____

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

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 accredited 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)

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



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: 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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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: NVONM2203/001
Project Manager: BRYAN HANEY
Fax To:

Reported:
28-Apr-23 08:46

EASTWALL - 1 0-2'

H231396-28

Soil

27-Mar-23 11:32

28-Mar-23 09:30

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.

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3920		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.100		0.100	mg/kg	100	3032810	JH	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	JH	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	JH	28-Mar-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			146 %		71.5-134	3032810	JH	28-Mar-23	8021B	

Petroleum Hydrocarbons by 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	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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 2 24-27"
H231396-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	5200		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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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 (PID) 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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Celey D. Keene, Lab Director/Quality Manager



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: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	24800		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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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 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, Lab Director/Quality Manager



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: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	42400		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds 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	JH	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 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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	31600		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.099		0.050	mg/kg	50	3032810	JH	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 JH 28-Mar-23 8021B

Petroleum Hydrocarbons by GC 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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	24800		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.172		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 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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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	28000		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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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 % 71.5-134 3032810 JH 28-Mar-23 8021B

Petroleum Hydrocarbons by 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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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	36000		16.0	mg/kg	4	3032829	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	<0.050		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 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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Celey D. Keene, Lab Director/Quality Manager



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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 9 24-27"
H231396-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	20800		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	QM-07
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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 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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Celey D. Keene, Lab Director/Quality Manager



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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 10 24-27"
H231396-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	10000		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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 JH 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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Celey D. Keene, Lab Director/Quality Manager



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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 11 24-27"
H231396-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	7400		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	26000		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds 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	JH	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 JH 28-Mar-23 8021B

Petroleum Hydrocarbons by 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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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	34800		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3032810	JH	28-Mar-23	8021B	
Toluene*	0.397		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 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, Lab Director/Quality Manager



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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 14 24-27"
H231396-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	17600		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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*	1.11		0.150	mg/kg	50	3032810	JH	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 (PID) 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4560		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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 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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Celey D. Keene, Lab Director/Quality Manager



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: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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)			106 %	71.5-134		3032810	JH	28-Mar-23	8021B	
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Petroleum Hydrocarbons by 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	
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Surrogate: 1-Chlorooctadecane			92.0 %	49.1-148		3032807	MS	28-Mar-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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)			116 %		71.5-134	3032810	JH	28-Mar-23	8021B	
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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	
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Surrogate: 1-Chlorooctadecane			96.0 %		49.1-148	3032807	MS	28-Mar-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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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 18 24-27"
H231396-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	912		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %		71.5-134	3032810	JH	28-Mar-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			88.9 %		48.2-134	3032807	MS	28-Mar-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.6 %		49.1-148	3032807	MS	28-Mar-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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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 19 24-27"
H231396-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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)			118 %	71.5-134		3032810	JH	28-Mar-23	8021B	
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Petroleum Hydrocarbons by 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	
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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
Fax To:

Reported:
28-Apr-23 08:46

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1300		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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	JH	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 (PID) 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
Fax To:

Reported:
28-Apr-23 08:46

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	9600		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by 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 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
Fax To:

Reported:
28-Apr-23 08:46

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1520		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds 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 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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Celey D. Keene, Lab Director/Quality Manager



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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 23 24-27"
H231396-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3000		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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 (PID) 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, Lab Director/Quality Manager



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: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1120		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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 (PID)		115 %		71.5-134		3032811	JH/	28-Mar-23	8021B	
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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	
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Surrogate: 1-Chlorooctadecane		92.2 %		49.1-148		3032818	MS	28-Mar-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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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

SOUTHWALL - 1 0-2'**H231396-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	608		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds 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 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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Celey D. Keene, Lab Director/Quality Manager



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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 - 1 0-2'**H231396-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	21200		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3032811	JH	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	JH	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 JH 29-Mar-23 8021B

Petroleum Hydrocarbons by GC 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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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16800		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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Volatile Organic Compounds by 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	JH	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 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, Lab Director/Quality Manager



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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

EASTWALL - 1 0-2'
H231396-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	608		16.0	mg/kg	4	3032830	AC	28-Mar-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.6 %		71.5-134	3032811	JH/	28-Mar-23	8021B	
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Petroleum Hydrocarbons by GC 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	

<i>Surrogate: 1-Chlorooctane</i>			63.6 %		48.2-134	3032818	MS	28-Mar-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			67.7 %		49.1-148	3032818	MS	28-Mar-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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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

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3032829 - 1:4 DI Water**Blank (3032829-BLK1)**

Prepared & Analyzed: 28-Mar-23

Chloride	ND	16.0	mg/kg
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LCS (3032829-BS1)

Prepared & Analyzed: 28-Mar-23

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (3032829-BSD1)

Prepared & Analyzed: 28-Mar-23

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 3032830 - 1:4 DI Water**Blank (3032830-BLK1)**

Prepared & Analyzed: 28-Mar-23

Chloride	ND	16.0	mg/kg
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LCS (3032830-BS1)

Prepared & Analyzed: 28-Mar-23

Chloride	448	16.0	mg/kg	400	112	80-120
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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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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

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3032810 - Volatiles**Blank (3032810-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							
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 & 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 & 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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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

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3032811 - Volatiles**Blank (3032811-BLK1)**

Prepared & Analyzed: 28-Mar-23

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 & 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	
Total Xylenes	6.94	0.150	mg/kg	6.00		116	87.3-122	7.86	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0527		mg/kg	0.0500		105	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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: NVONM2203/001
Project Manager: BRYAN HANEY
Fax To:

Reported:
28-Apr-23 08:46

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3032807 - General Prep - Organics**Blank (3032807-BLK1)**

Prepared & Analyzed: 28-Mar-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	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 & Analyzed: 28-Mar-23

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-BS1)

Prepared & Analyzed: 28-Mar-23

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 & Analyzed: 28-Mar-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	40.9		mg/kg	50.0		81.9	48.2-134			
Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		91.0	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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: NVONM2203/001
Project Manager: BRYAN HANEY
Fax To:

Reported:
28-Apr-23 08:46

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3032818 - General Prep - Organics**LCS (3032818-BS1)**

Prepared & Analyzed: 28-Mar-23

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-BS1)

Prepared & Analyzed: 28-Mar-23

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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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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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

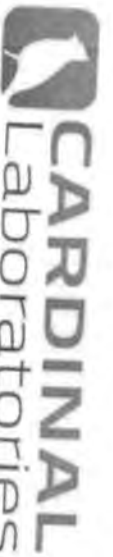
Company Name: Altamira		BILL TO		ANALYSIS REQUEST	
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo			
Address: 14229 Punta Bonaire		Company: Oil and Gas			
City: Corpus Christi		Attn:			
Phone #: 361-658-3126		Address:			
Fax #: NVONM2203/001		City:			
Project Name: Novo Gooch Release		State:			
Project Location: Loving New Mexico		Zip:			
Sampler Name: J. Gonzalez		Phone #:			
Fax #:					
FOR LAB USE ONLY					
Lab I.D.		Sample I.D.			
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira		P.O. #: Direct Bill Novo	
Project Manager: Bryan Haney		Company: Oil and Gas	
Address: 14229 Punta Bonaire		Attn:	
City: Corpus Christi		State: Texas	
Phone #: 361-658-3126		Fax #: 78412	
Project #: NVONM2203/001		Project Owner: Bryan Haney	
Project Name: Novo Goonch Release		City:	
Project Location: Loving New Mexico		State:	
Sample Name: J. Gonzalez		Zip:	
FOR LAB USE ONLY		Phone #:	
Fax #:		PRESERV	
Lab I.D.		Sample I.D.	
H231396			
21 6-21 24-24"		(G)RAB OR (C)OMP.	
22 6-22 24-27"		# CONTAINERS	
23 6-23 24-27"		GROUNDWATER	
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25 6-25 24-27"		SOIL	
26 6-26 24-27"		OIL	
27 6-27 24-27"		SLUDGE	
28 6-28 24-27"		OTHER:	
29 6-29 24-27"		ACID/BASE:	
30 6-30 24-27"		ICE / COOL	
31 6-31 24-27"		OTHER:	
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

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 1 48-51" (H232157-01)

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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					
<i>Surrogate: 1-Chlorooctane</i>									
	90.7 %	48.2-134							
<i>Surrogate: 1-Chlorooctadecane</i>									
	85.0 %	49.1-148							

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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					
<i>Surrogate: 1-Chlorooctane</i>									
	90.4 %	48.2-134							
<i>Surrogate: 1-Chlorooctadecane</i>									
	88.3 %	49.1-148							

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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 3 48-51" (H232157-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	117 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	88.6 %	49.1-148							

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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
 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 5 48-51" (H232157-05)

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	05/03/2023	ND	432	108	400	3.77	
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	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	92.9 %	49.1-148							

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	109 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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

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 7 48-51" (H232157-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	70.7 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	97.2 %	49.1-148								

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Celey D. Keene, Lab Director/Quality Manager



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

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 9 48-51" (H232157-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	89.1 %	49.1-148							

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

Chloride, SM4500Cl-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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	112 %	49.1-148								

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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
 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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	104 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	114 %	49.1-148							

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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
 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 13 48-51" (H232157-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane										
	260 %	49.1-148								

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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane									
	114 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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

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 15 48-51" (H232157-15)

Chloride, SM4500Cl-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	432	108	400	3.77	
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	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	95.8 %	49.1-148							

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

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	05/03/2023	ND	416	104	400	3.77		

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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
 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		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	77.3 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	94.7 %	49.1-148							

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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
 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 22 48-51" (H232157-19)

Chloride, 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	05/03/2023	ND	416	104	400	3.77	
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	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	99.4 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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. 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
 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 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	126 %	49.1-148							

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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
 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		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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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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
 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 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 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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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
 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		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) 102 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 28 48-51" (H232157-25)

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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 29 48-51" (H232157-26)

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) 102 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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		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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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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	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 31 48-51" (H232157-28)

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) 102 % 71.5-134

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	05/03/2023	ND	416	104	400	3.77	

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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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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
 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 32 48-51" (H232157-29)

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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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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
 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 33 48-51" (H232157-30)

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) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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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
 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 34 48-51" (H232157-31)

BTX 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 BTX	<0.300	0.300	05/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	05/03/2023	ND	416	104	400	3.77		

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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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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
 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 35 48-51" (H232157-32)

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) 103 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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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
 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 36 48-51" (H232157-33)

BTX 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 BTX	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 37 48-51" (H232157-34)

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) 104 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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		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) 102 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 39 48-51" (H232157-36)

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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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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
 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)

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) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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
 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 41 48-51" (H232157-38)

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) 102 % 71.5-134

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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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
 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)

BTX 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 BTX	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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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
 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		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) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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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
 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		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	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 % 71.5-134

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	05/03/2023	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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
 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		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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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
 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 46 48-51" (H232157-43)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 47 48-51" (H232157-44)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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

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	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 % 71.5-134

Chloride, SM4500CI-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	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 303 % 49.1-148

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira Project Manager: Bryan Haney Address: 14229 Punta Bonaire City: Corpus Christi State: Texas Zip: 78412 Phone #: 361-658-3126 Fax #: Project #: NVONMM2303/001 Project Owner: Bryan Haney Project Name: Novo Goonch Release Project Location: Loving New Mexico				P.O. #: Direct Bill Novo Company: Oil and Gas Attn: Address: City: State: Zip: Phone #: Fax #:			
Sampler Name: J. Gonzalez FOR LAB USE ONLY				BILL TO ANALYSIS REQUEST			
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME	
1 48-51" C 1 X 2 48-51" C 1 X 3 48-51" C 1 X 4 48-51" C 1 X 5 48-51" C 1 X 6 48-51" C 1 X 7 48-51" C 1 X 8 48-51" C 1 X 9 48-51" C 1 X 10 48-51" C 1 X		5-2-23 1230 X 5-2-23 1232 X 5-2-23 1234 X 5-2-23 1238 X 5-2-23 1240 X 5-2-23 1242 X 5-2-23 1244 X 5-2-23 1246 X 5-2-23 1248 X		B T E X T P H C H L O R I D E S			
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Relinquished By: [Signature] Date: 5-2-23 Time: 16:40 Received By: [Signature] Date: 5-2-23 Time:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:			
Relinquished By: [Signature] Date: 5-2-23 Time:				REMARKS: 24 HR TAT			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 3.0 Corrected Temp. °C 2.4 Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature] (Initials) A.C.		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Corrosion Factor -0.5°C <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira Project Manager: Bryan Haney Address: 14229 Punta Bonaire City: Corpus Christi State: Texas Zip: 78412 Phone #: 361-658-3126 Fax #: Project #: NVONMM2303/001 Project Owner: Bryan Haney Project Name: Novo Goonch Release Project Location: Loving New Mexico Sample Name: J. Gonzalez FOR LAB USE ONLY										BILL TO P.O. #: Direct Bill Novo Company: Oil and Gas Attn: Address: City: State: Zip: Phone #: Fax #:										ANALYSIS REQUEST																			
Lab I.D. Sample I.D.										Matrix <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : <input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :										Preservation <input checked="" type="checkbox"/> PRESERVED <input type="checkbox"/> NOT PRESERVED										Sampling <input type="checkbox"/> BTEX <input type="checkbox"/> TPH <input type="checkbox"/> CHLORIDES									
DATE TIME										DATE TIME										DATE TIME																			
11 11 48-51" 1 1 X 5-2-23 1250 X X X 12 12 48-51" 1 1 X 5-2-23 1252 X X X 13 13 48-51" 1 1 X 5-2-23 1254 X X X 14 14 48-51" 1 1 X 5-2-23 1256 X X X 15 15 48-51" 1 1 X 5-2-23 1258 X X X 16 16 48-51" 1 1 X 5-2-23 1300 X X X 17 17 48-51" 1 1 X 5-2-23 0930 X X X 18 18 48-51" 1 1 X 5-2-23 0932 X X X 19 19 48-51" 1 1 X 5-2-23 0934 X X X 20 20 48-51" 1 1 X 5-2-23 0936 X X X																																							
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Relinquished By: <i>[Signature]</i> Date: 5-2-23 Received By: <i>[Signature]</i> Date: 5-2-23 Time: 10:40 Time:										REMARKS: 24 Hr TAT										Turnaround Time: <input type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Bacteria (only) Thermometer ID #113 Correction Factor -0.5°C Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Observed Temp. °C 30 Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C 34 Yes <input type="checkbox"/> No Yes <input type="checkbox"/> No										CHECKED BY: <i>[Signature]</i> (Initials) Y.O. Turnaround Time: <input type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Bacteria (only) Thermometer ID #113 Correction Factor -0.5°C Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C																			

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

Project Manager: Bryan Haney

City:	Corpus Christi	State:	Texas	Zip:	78412
-------	----------------	--------	-------	------	-------

Project #: NVONNM2303/001
Project Owner: Bryan Haney

Project Location: Loving New Mexico

FOR LAB USE ONLY

#232157

Phone #:

PRESERV.

SAMPLING

FIG

ANALYSIS REQUEST

Released to Imaging: 3/11/2024 1:57:55 PM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira		ANALYSIS REQUEST									
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo									
Address: 14229 Punta Bonaire		Company: Oil and Gas									
City: Corpus Christi		Attn:									
State: Texas		Zip: 78412									
Phone #: 361-658-3126		Address:									
Fax #:		City:									
Project #: NVONNM2303/001		Project Owner: Bryan Haney									
Project Name: Novo Goonch Release		State:		Zip:							
Project Location: Loving New Mexico		Phone #:									
Fax #:		Fax #:									
Sampler Name: J. Gonzalez		PRESERV		SAMPLING							

[illegible]

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attestation of successful testing and/or related to the performance of samples transferred by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.									
Relinquished By: 					Received By: 				
Date: 5-22-23					Date: 5-22-23				
Time: 16:40					Time: 16:40				
Relinquished By: 					Received By: 				
Date:					Date:				
Time:					Time:				
Delivered By: (Circle One)		Observed Temp.: °C 30 Corrected Temp.: °C 24		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: (Initials) V		Turnaround Time: Standard Rush <input checked="" type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp.: °C 24		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: (Initials) V		Turnaround Time: Standard Rush <input checked="" type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp.: °C 24		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: (Initials) V		Turnaround Time: Standard Rush <input checked="" type="checkbox"/>	
REMARKS: 24 HR TAT									
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:									
All Results are emailed. Please provide Email address:									

FORM-006 R 3.2 10/07/21

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



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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 - 1 0-4' (H232178-03)

BTX 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	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 BTX	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 - 2 0-4' (H232178-04)

BTX 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	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 BTX	<0.300	0.300	05/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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 - 3 0-4' (H232178-05)

BTX 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	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 BTX	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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)

BTX 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	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 BTX	<0.300	0.300	05/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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 1 72-75" (H232424-01)

Chloride, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 155 % 49.1-148

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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: 05/15/2023
 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 3 72-75" (H232424-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	138 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	155 %	49.1-148								

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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: 05/15/2023
 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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/15/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	132 %	49.1-148								

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/15/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	138 %	49.1-148								

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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: 05/15/2023
 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 7 72-75" (H232424-07)

Chloride, SM4500Cl-B		mg/kg		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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	98.0 %	49.1-148							

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		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	119 %	49.1-148								

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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: 05/15/2023
 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, SM4500CI-B		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		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	119 %	49.1-148								

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

Chloride, SM4500CI-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		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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane									
	131 %	49.1-148							

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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: 05/15/2023
 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 11 72-75" (H232424-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	128 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	107 %	49.1-148								

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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: 05/15/2023
 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	115 %	49.1-148							

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

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	05/16/2023	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	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane									
	118 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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

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 15 72-75" (H232424-15)

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	05/16/2023	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 % 71.5-134

Chloride, SM4500CI-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	121 %	49.1-148							

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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	102 %	49.1-148							

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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: 05/15/2023
 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 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	103 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	102 %	49.1-148							

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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: 05/15/2023
 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 35 72-75" (H232424-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	134 %	49.1-148							

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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	117 %	49.1-148								

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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: 05/15/2023
 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		Analyzed 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		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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	90.2 %	49.1-148							

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

Chloride, 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/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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	98.8 %	49.1-148							

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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: 05/15/2023
 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		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane									
	98.5 %	49.1-148							

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/kg		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane										
	103 %	49.1-148								

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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: 05/15/2023
 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, SM4500Cl-B		mg/kg		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	
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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	92.1 %	49.1-148							

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		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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	100 %	49.1-148							

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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: 05/15/2023
 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		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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	100 %	49.1-148							

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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	85.5 %	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: 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 45 72-75" (H232424-30)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	97.6 %	49.1-148							

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

Chloride, SM4500CI-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		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*	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	86.1 %	49.1-148								

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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: 05/15/2023
 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, SM4500Cl-B		mg/kg		Analyzed 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		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*	<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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	77.2 %	49.1-148							

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

Chloride, SM4500Cl-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		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*	<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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	84.5 %	49.1-148								

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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 tort, shall be limited to the amount paid by client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, 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 such 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. Keene, Lab Director/Quality Manager

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

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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira										P.O. #: Direct Bill Novo										ANALYSIS REQUEST									
Project Manager: Bryan Haney										Company: Oil and Gas																			
Address: 14229 Punta Bonaire																													
City: Corpus Christi										Attn: 78412																			
Phone #: 361-658-3126										Fax #: 78412																			
Project #: NVONM2303/001										City: Bryan Haney																			
Project Name: Novo Gooch Release										State: Zip:																			
Project Location: Loving New Mexico										Phone #: Fax #:																			
Sampler Name: J. Gonzalez										PRESERV.										SAMPLING									
FOR LAB USE ONLY										MATRIX																			
Lab I.D.										Sample I.D.																			
H232424										H232424																			
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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira		BILL TO		ANALYSIS REQUEST																							
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo																									
Address: 14229 Punta Bonaire		Company: Oil and Gas																									
City: Corpus Christi		Attn:																									
Phone #: 361-658-3126		Address:																									
Fax #:		City:																									
Project #: NVONM2303/001		State: Texas																									
Project Owner: Bryan Haney		Zip:																									
Project Name: Novo Goonch Release		Phone #:																									
Project Location: Loving New Mexico		Fax #:																									
Sampler Name: J Gonzalez																											
FOR LAB USE ONLY																											
Lab I.D. H232424 31 646 72-75" 32 WW-3B 0-6' 33 WW-2B 0-6'	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
				B T E X						T P H						C H L O R I D E S											

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients 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 consequential damages, 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 5-15-23	Received By:	Date: 5-15-23	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 21.6 Corrected Temp. °C: 20.7	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) 24 H6 T44	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Corrected Temp. °C

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



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/18/2023
Reported: 05/18/2023
Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Location: LOVING NM

Sampling Date: 05/17/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G - 33 72-75" (H232507-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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)

Chloride, SM4500CI-B		mg/kg		Analyzed 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' (H232590-02)

Chloride, SM4500CI-B		mg/kg		Analyzed 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" (H232590-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/24/2023	ND	400	100	400	3.92	

Sample ID: G 33 96-99" (H232590-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	05/24/2023	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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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: 05/22/2023
 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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	05/24/2023	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



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

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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

**BILL TO**

ANALYSIS REQUEST

[illegible]

PLEASE NOTE: Liability and Outlines Cardholder's liability and direct expenses arising from any claim arising under this contract or tort shall be limited to the amount paid by the card for the purchase of the applicable service. All claims including those for negligence and any other cause whatsoever shall be deemed waived by Cardholder within 90 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data or loss of profits incurred by client, its subsidiaries, affiliates, agents, employees, independent contractors, subcontractors, vendors, suppliers, customers, or other third parties. The limitation on recovery shall apply regardless of whether such claim is based upon any of the above stated remedies or otherwise.

<small>SERVICES. If no event/issue occurs, do not fill out this form. If an event/issue occurs, please fill out this form as soon as possible. All information provided on this form is for informational purposes only and is not intended to be used for legal or financial purposes. All information provided on this form is for informational purposes only and is not intended to be used for legal or financial purposes.</small>									
Reinquinished By:					Date: 5-23-23				
Reinquinished By: [Signature]					Received By: [Signature]				
Date: 5-23-23					Time: 1528				
Reinquinished By:					Received By: [Signature]				
Date:					Time:				
Delivered By: (Circle One)					Observed Temp. °C 24				
Corrected Temp. °C 20					Sample Condition				
<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact					<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes				
<input type="checkbox"/> No <input type="checkbox"/> No					<input type="checkbox"/> No <input type="checkbox"/> No				
Checked By: [Signature]					Initials				
Turnaround Time:					Standard				
Thermometer ID #113					Rush				
Correction Factor: -0.5°C					<input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition				
<input type="checkbox"/> Cool <input type="checkbox"/> Intact					<input type="checkbox"/> Yes <input type="checkbox"/> Yes				
<input type="checkbox"/> No <input type="checkbox"/> No					<input type="checkbox"/> No <input type="checkbox"/> No				
Corrected Temp. °C					Observed Temp. °C				
REMARKS: 29 Hg TXI									
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:									
All Results are emailed. Please provide Email address:									

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

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

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 accredited 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)

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



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:

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, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
24-May-23 16:19**WW 3 - 1 (0-8')****H232590-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1020		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, 78418Project: 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)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2640		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3040		16.0	mg/kg	4	3052407	AC	24-May-23	4500-CI-B	
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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2720		16.0	mg/kg	4	3052407	AC	24-May-23	4500-CI-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	736		16.0	mg/kg	4	3052407	AC	24-May-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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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

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%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				
Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20	

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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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Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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All results are emailed. Please provide Email address: _____									
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: _____							
Requisitioned By: _____									
Date: 5-23-23		Received By: _____							
Time: 1528		_____							
Requisitioned By: _____		_____							
Date: _____		_____							
Time: _____		_____							
Delivered By: (Circle One)		Observed Temp. °C 2.6		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) _____			
Sampler - UPS - Bus - Other:		Corrected Temp. °C 2.0		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		_____			
REMARKS: Customer requested sample ID change sk411									
Turnaround Time:		Standard Rush		Bacteria (only) <input checked="" type="checkbox"/>		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C _____			
Thermometer ID #113		Correction Factor -0.5°C		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Corrected Temp. °C _____			

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



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane		120 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	114 %	49.1-148							

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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: 05/23/2023
 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 4 96-99" (H232632-03)

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	
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	05/23/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	113 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	125 %	49.1-148								

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Celey D. Keene, Lab Director/Quality Manager



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

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		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	87.4 %	49.1-148							

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

Chloride, SM4500CI-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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	116 %	49.1-148								

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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: 05/23/2023
 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 8 96-99" (H232632-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	105 %	49.1-148							

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	113 %	49.1-148								

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Celey D. Keene, Lab Director/Quality Manager



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

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		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	123 %	49.1-148							

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	
TPH 8015M		mg/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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	109 %	49.1-148							

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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: 05/23/2023
 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 13 96-99" (H232632-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	102 %	49.1-148							

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

Chloride, 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	99.1 %	49.1-148							

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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: 05/23/2023
 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 15 96-99" (H232632-13)

Chloride, 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	05/24/2023	ND	432	108	400	3.64	
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	05/23/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	108 %	49.1-148							

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

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	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	134 %	49.1-148								

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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: 05/23/2023
 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 39 96-99" (H232632-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/24/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	112 %	49.1-148								

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/24/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	103 %	49.1-148								

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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: 05/23/2023
 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 41 96-99" (H232632-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	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 %	48.2-134						
Surrogate: 1-Chlorooctadecane		96.2 %	49.1-148						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	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 %	48.2-134						
Surrogate: 1-Chlorooctadecane		110 %	49.1-148						

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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:	05/23/2023	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		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	103 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager

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

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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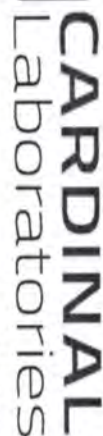
A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Company Name: Altamira										P.O. #: Direct Bill Novo		ANALYSIS REQUEST									
Project Manager: Bryan Haney										Company: Oil and Gas											
Address: 14229 Punta Bonaire																					
City: Corpus Christi										Attn:											
Phone #: 361-658-3126										Address:											
Project #: NVONM2303/001										City:											
Project Name: Novo Gooch release										State:											
Project Location: Loving New Mexico										Phone #:											
Sample Name: O. Gonzalez, J. Gonzalez										Fax #:											
FOR LAB USE ONLY										FAX #:											
Lab I.D.										Sample I.D.											
H232633										(G)RAB OR (C)OMP.											
1										# CONTAINERS											
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3										WASTEWATER											
4										SOIL											
5										OIL											
6										SLUDGE											
7										OTHER :											
8										ACID/BASE:											
9										ICE / COOL											
10										OTHER :											
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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/25/2023
 Reported: 05/26/2023
 Project Name: NOVO GOONCH RELEASE
 Project Number: NVONM2303/001
 Project Location: LOVING NM

Sampling Date: 05/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	97.0 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	97.5 %	49.1-148							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name:	Altamira	P.O. #:	Direct Bill Novo
Project Manager:	Bryan Haney	Company:	Oil and Gas
Address:	14229 Punta Bonaire	Attn:	
City:	Corpus Christi	State:	Texas
Phone #:	361-658-3126	Fax #:	
Project #:	NVONM2303/001	Project Owner:	Bryan Haney
Project Name:	Novo Gooch release	State:	Zip:
Project Location:	Loving New Mexico	Phone #:	
Sample Name:	O. Gonzalez, J. Gonzalez	Fax #:	

FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	
				TIME	
H232467	1 W-2-2 0-8'				
2 W-3-2 0-8'	2 W-3-2 0-8'				

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Relinquished By:	Date: 5-25-23	Received By:	Date: 5-25-23	Time: 0930	Remarks:
Relinquished By:		Received By:			
Delivered By: (Circle One)	Observed Temp. °C: 6.0	Sample Condition	Checked By: (Initials)	Turnaround Time:	Standard
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 5.4	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113	Rush <input checked="" type="checkbox"/>
				Correction Factor: -0.5°C	Corrected Temp. °C: 5.9

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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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 4 120-123" (H232715-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/30/2023	ND	432	108	400	3.77	

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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
 Project Name: NOVO GOONCH RELEASE
 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		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/27/2023	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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	103 %	49.1-148								

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	102 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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

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
 Project Name: NOVO GOONCH RELEASE
 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 8 120-123" (H232715-05)

Chloride, SM4500CI-B		mg/kg		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, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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
 Project Name: NOVO GOONCH RELEASE
 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 10 120-123" (H232715-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	92.0 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	89.7 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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

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
 Project Name: NOVO GOONCH RELEASE
 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 13 120-123" (H232715-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane										
	107 %	49.1-148								

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
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		

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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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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:	05/26/2023	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 34 120-123" (H232715-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	96.4 %	49.1-148							

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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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Celey D. Keene, Lab Director/Quality Manager



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

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
 Project Name: NOVO GOONCH RELEASE
 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 37 120-123" (H232715-15)

Chloride, SM4500Cl-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, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	05/30/2023	ND	432	108	400	3.64		

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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	3.64	

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Celey D. Keene, Lab Director/Quality Manager



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

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 46 120-123" (H232715-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2023	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	89.6 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira		BILL TO		ANALYSIS REQUEST																													
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo																															
Address: 14229 Punta Bonaire		Company: Oil and Gas																															
City: Corpus Christi		Attn:																															
State: Texas		Address:																															
Zip: 78412		City:																															
Phone #: 361-658-3126		State:																															
Fax #: 361-658-3126		Zip:																															
Project #: NVONNM2303/001		Project Owner: Bryan Haney																															
Project Name: Novo Goonch Release		Phone #:																															
Project Location: Loving New Mexico		Fax #:																															
Sampler Name: J. Gonzalez																																	
FOR LAB USE ONLY																																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	B	T	E	X	H	T	P	H	S	C	H	L	O	R	I	D	E	S	
1	120-123"	C	1			X							5-26-23	1300	X																		
2	120-123"	C	1			X							5-26-23	1305	X																		
3	120-123"	C	1			X							5-26-23	1310	X																		
4	120-123"	C	1			X							5-26-23	1315	X																		
5	120-123"	C	1			X							5-26-23	1320	X																		
6	120-123"	C	1			X							5-26-23	1325	X																		
7	120-123"	C	1			X							5-26-23	1330	X																		
8	120-123"	C	1			X							5-26-23	1335	X																		
9	120-123"	C	1			X							5-26-23	1340	X																		
10	120-123"	C	1			X							5-26-23	1345	X																		
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Relinquished By: [Signature]		Date: 5-26-23	Time: 1605	Received By: [Signature]		Date: 5-26-23	Time: 1605	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS: 24 H6 TAT																					
Relinquished By: [Signature]		Date: 5-26-23	Time: 1605	Received By: [Signature]		Date: 5-26-23	Time: 1605	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS: 24 H6 TAT																					
Delivered By: (Circle One)		Observed Temp. °C	Corrected Temp. °C	Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Sample Condition																			
Sampler - UPS - Bus - Other:		0.6	0.0	Cool Intact		[Signature]		RUSH		[Signature]		Cool Intact		Observed Temp. °C																			
				Yes <input type="checkbox"/> No <input type="checkbox"/>								Yes <input type="checkbox"/> No <input type="checkbox"/>																					

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira		BILL TO		ANALYSIS REQUEST																						
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo																								
Address: 14229 Punta Bonaire		Company: Oil and Gas																								
City: Corpus Christi		Attn:																								
State: Texas		Address:																								
Zip: 78412		City:																								
Phone #: 361-658-3126		State:																								
Fax #: NVONM2303/001		Zip:																								
Project Owner: Bryan Haney		Phone #:																								
Project Name: Novo Gooch Release		Fax #:																								
Project Location: Loving New Mexico																										
Sampler Name: J. Gonzalez																										
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING																		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
H23276	633	120-123"	C 1	X									5-26-23	1350	X											
	11	634	120-123"	C 1	X								5-26-23	1355	X											
	12	635	120-123"	C 1	X								5-26-23	1400	X											
	13	636	120-123"	C 1	X								5-26-23	1405	X											
	14	637	120-123"	C 1	X								5-26-23	1410	X											
	15	638	120-123"	C 1	X								5-26-23	1415	X											
	16	639	120-123"	C 1	X								5-26-23	1420	X											
	17	640	120-123"	C 1	X								5-26-23	1425	X											
	18	641	120-123"	C 1	X								5-26-23	1430	X											
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Relinquished By: [Signature]		Date: 5-26-23	Received By: [Signature]																							
Time: 1605																										
Date: 5-26-23																										
Time: 1605																										
Relinquished By: [Signature]																										
Date: 5-26-23																										
Time: 1605																										
Delivered By: (Circle One)		Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)																					
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		0.6	0.0	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	af																					
Sampler - UPS - Bus - Other:		Thermometer ID #13	Correction Factor -0.3°C	Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition																						
		10.5/26/23		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>																						
				Observed Temp. °C																						
				Corrected Temp. °C																						

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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/02/2023	Sampling Date:	06/02/2023
Reported:	06/05/2023	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, 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	06/05/2023	ND	416	104	400	7.41	
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	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	77.5 %	49.1-148							

Sample ID: G 6 144-147" (H232817-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane									
	83.2 %	49.1-148							

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Mike Snyder For 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: 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		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	85.2 %	49.1-148							

Sample ID: G 8 144-147" (H232817-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed 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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

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 10 144-147" (H232817-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	06/05/2023	ND	448	112	400	11.3	

Sample ID: G 12 144-147" (H232817-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	06/05/2023	ND	448	112	400	11.3	

Sample ID: G 13 144-147" (H232817-08)

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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	
EXT DRO >C28-C36	11.2	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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Mike Snyder For 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: 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 15 144-147" (H232817-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 33 144-147" (H232817-10)

Chloride, SM4500CI-B		mg/kg		Analyzed 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 34 144-147" (H232817-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 35 144-147" (H232817-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 36 144-147" (H232817-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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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Mike Snyder For 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:	06/02/2023	Sampling Date:	06/02/2023
Reported:	06/05/2023	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 37 144-147" (H232817-14)

Chloride, SM4500Cl-B		mg/kg		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		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	06/05/2023	ND	448	112	400	11.3	

Sample ID: G 39 144-147" (H232817-16)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	06/05/2023	ND	448	112	400	11.3		

Sample ID: G 46 144-147" (H232817-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		

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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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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira Project Manager: Bryan Haney Address: 14229 Punta Bonaire City: Corpus Christi State: Texas Zip: 78412 Phone #: 361-658-3126 Fax #: Project #: NVONM2303/001 Project Owner: Bryan Haney Project Name: Novo Goonch release Project Location: Loving New Mexico Sample Name: O. Gonzalez, J. Gonzalez										BILL TO P.O. #: Direct Bill Novo Company: Oil and Gas Attn: Address: City: State: Zip: Phone #: Fax #:										ANALYSIS REQUEST																			
FOR LAB USE ONLY										Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:										PRESERVATION DATE TIME										SAMPLING B T E X T P H C H L O R I D E S									
Lab I.D. 1032817										Sample I.D. 144-147"										6-23/1400										X									
144-147"										6-23/1405										X																			
144-147"										6-23/1410										X																			
144-147"										6-23/1415										X																			
144-147"										6-23/1420										X																			
144-147"										6-23/1425										X																			
144-147"										6-23/1430										X																			
144-147"										6-23/1435										X																			
144-147"										6-23/1440										X																			
144-147"										6-23/1445										X																			

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Relinquished By: [Signature] Date: 6-23-23 Received By: [Signature] Date: 6-23-23										Verbal Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:										REMARKS: Turnaround Time: 24 Hr TAT Standard Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Observed Temp. °C Corrected Temp. °C									
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name:	Altamira	P.O. #:	Direct Bill Novo
Project Manager:	Bryan Haney	Company:	Oil and Gas
Address:	14229 Punta Bonaire	Attn:	
City:	Corpus Christi	State:	Texas
Phone #:	361-658-3126	Fax #:	78412
Project #:	NVONM2303/001	Project Owner:	Bryan Haney
Project Name:	Novo Goonch release	City:	
Project Location:	Loving New Mexico	State:	Zip:
Sample Name:	O. Gonzalez, J. Gonzalez	Phone #:	
		Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	B	T	E	X	H	P	S	O	R	I	D	E	S
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :															
H233817																								
11	G-34	144-147"	C			X				X	6-2-23 1450													
12	G-35	144-147"	C			X				X	6-2-23 1455													
13	G-36	144-147"	C			X				X	6-2-23 1500													
14	G-37	144-147"	C			X				X	6-2-23 1505													
15	G-38	144-147"	C			X				X	6-2-23 1510													
16	G-39	144-147"	C			X				X	6-2-23 1515													
17	G-40	144-147"	C			X				X	6-2-23 1520													
			C			X				X														
			C			X				X														
			C			X				X														

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Relinquished By:	Date: 6-2-23	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 1437	Received By:	All Results are emailed. Please provide Email address:	

Delivered By: (Circle One)	Observed Temp.: °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp.: °C	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Thermometer ID #113	Rush <input type="checkbox"/>	Cool <input type="checkbox"/> Intact <input type="checkbox"/>
		No <input type="checkbox"/> Yes <input type="checkbox"/>		Correction Factor: -0.5°C		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

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

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_accred_certif.html.

Cardinal Laboratories is accredited 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)

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



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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

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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Celey D. Keene, Lab Director/Quality Manager



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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 5 144-147"**H232817-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	3060526	AC	05-Jun-23	4500-Cl-B	
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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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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4800		16.0	mg/kg	4	3060526	AC	05-Jun-23	4500-Cl-B	
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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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Celey D. Keene, Lab Director/Quality Manager



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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 7 144-147"**H232817-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3720		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-Cl-B	QM-07
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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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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
07-Jun-23 09:18**G 8 144-147"****H232817-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4960		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 9 144-147"**H232817-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	8480		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-Cl-B	
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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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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
07-Jun-23 09:18**G 10 144-147"****H232817-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1150		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, 78418Project: 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)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1660		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 13 144-147"**H232817-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	20000		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-Cl-B	
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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 %			3060226	MS	05-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			83.6 %			3060226	MS	05-Jun-23	8015B	

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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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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

G 33 144-147"**H232817-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1200		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, 78418Project: 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)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	6640		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, 78418Project: 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 Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1090		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 36 144-147"**H232817-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Chloride	1650		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, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
07-Jun-23 09:18**G 37 144-147"****H232817-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1840		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-CI-B	
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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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 Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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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, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	848		16.0	mg/kg	4	3060527	AC	05-Jun-23	4500-CI-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
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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
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Batch 3060526 - 1:4 DI Water**Blank (3060526-BLK1)**

Prepared & Analyzed: 05-Jun-23

Chloride	ND	16.0	mg/kg
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LCS (3060526-BS1)

Prepared & Analyzed: 05-Jun-23

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (3060526-BSD1)

Prepared & Analyzed: 05-Jun-23

Chloride	448	16.0	mg/kg	400	112	80-120	7.41	20
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Batch 3060527 - 1:4 DI Water**Blank (3060527-BLK1)**

Prepared & Analyzed: 05-Jun-23

Chloride	ND	16.0	mg/kg
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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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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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:

Reported:
07-Jun-23 09:18

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3060226 - General Prep - Organics**Blank (3060226-BLK1)**

Prepared: 02-Jun-23 Analyzed: 05-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 Analyzed: 05-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-3
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-BS1)

Prepared: 02-Jun-23 Analyzed: 05-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		
Surrogate: 1-Chlorooctadecane	41.0		mg/kg	50.0		82.0	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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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

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3060606 - General Prep - Organics**LCS (3060606-BS1)**

Prepared & 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-BS1)

Prepared & 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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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira		BILL TO		ANALYSIS REQUEST								
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo										
Address: 14229 Punta Bonaire		Company: Oil and Gas										
City: Corpus Christi		Attn:										
Phone #: 361-658-3126		Address:										
Fax #: 361-658-3126		City:										
Project #: NVONNM2303/001		State:										
Project Owner: Bryan Haney		Zip:										
Project Name: Novo Goonch release		Phone #:										
Project Location: Loving New Mexico		Fax #:										
Sampler Name: O. Gonzalez, J. Gonzalez												
FOR LAB USE ONLY												
Lab I.D. Sample I.D.	1	144-147"	(G) RAB OR (C) OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	CHLORIDES	TPH added 6/6/23
	2	144-147"	X	X	GROUNDWATER	X	X	6-2-23	1400	X	X	
	3	144-147"	X	X	WASTEWATER	X	X	6-2-23	1405	X	X	
	4	144-147"	X	X	SOIL	X	X	6-2-23	1415	X	X	
	5	144-147"	X	X	OIL	X	X	6-2-23	1420	X	X	
	6	144-147"	X	X	SLUDGE	X	X	6-2-23	1425	X	X	
	7	144-147"	X	X	OTHER:	X	X	6-2-23	1430	X	X	
	8	144-147"	X	X	ACID/BASE:	X	X	6-2-23	1435	X	X	
	9	144-147"	X	X	ICE / COOL	X	X	6-2-23	1440	X	X	
	10	144-147"	X	X	OTHER:	X	X	6-2-23	1445	X	X	
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Relinquished By: [Signature]		Date: 6-2-23		Received By: [Signature]		Date: 6-2-23		Time: 1437		REMARKS: 24 HGT 44		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp.: °C Corrected Temp.: °C		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: (Initials) [Signature]		Turnaround Time: Standard Rush <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		Thermometer ID #113 Correction Factor -0.5°C		

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



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Laboratories





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira		BILL TO		ANALYSIS REQUEST				
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo						
Address: 14229 Punta Bonaire		Company: Oil and Gas						
City: Corpus Christi		State: Texas		Zip: 78412				
Phone #: 361-658-3126		Fax #:		Address:				
Project #: NVONMW2303/001		Project Owner: Bryan Haney		City:				
Project Name: Novo Goonch release		State:		Zip:				
Project Location: Loving New Mexico		Phone #:						
Sampler Name: O. Gonzalez, J. Gonzalez		Fax #:						

[illegible]

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Relinquished By: 	Date: 6-2-23	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1437		All Results are emailed. Please provide Email address:	
Relinquished By: 	Date:	Received By:	REMARKS:	
	Time:		24 HR FAT	
Delivered By: (Circle One)	Observed Temp. °C: 1.0	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: 	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 1.0	No <input type="checkbox"/> Yes <input type="checkbox"/>		Bacteria (only) <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
				Thermometer ID #113 Corrosion Factor -0.5°C
				Sample Condition Observed Temp. °C Corrected Temp. °C

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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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		Analyzed 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		Analyzed 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 %	48.2-134								
Surrogate: 1-Chlorooctadecane	92.2 %	49.1-148								

Sample ID: G 7 168-171" (H232982-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed 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, 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: 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 9 168-171" (H232982-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		

Sample ID: G 34 168-171" (H232982-05)

Chloride, SM4500CI-B		mg/kg		Analyzed 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 35 168-171" (H232982-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 36 168-171" (H232982-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 37 168-171" (H232982-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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. 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: 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 38 168-171" (H232982-09)

Chloride, SM4500Cl-B		mg/kg		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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira										P.O. #: Direct Bill Novo										ANALYSIS REQUEST									
Project Manager: Bryan Haney										Company: Oil and Gas																			
Address: 14229 Punta Bonaire																													
City: Corpus Christi										State: Texas										Attn: 78412									
Phone #: 361-658-3126										Fax #: 78412																			
Project #: NVONM2303/001										Project Owner: Bryan Haney																			
Project Name: Novo Goonch Release										City: 78412																			
Project Location: Loving New Mexico										State: Zip:																			
Sample Name: J.Gonzalez										Phone #:																			
FOR LAB USE ONLY										Fax #:																			
Lab I.D.										Sample I.D.																			
H232982																													
1										68-171"																			
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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

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 accredited 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)

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



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:

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.

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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 6 168-171"**H232982-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1220		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B
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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2400		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-CI-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2200		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-CI-B	
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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1720		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B	
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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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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
14-Jun-23 11:02**G 34 168-171"****H232982-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1220		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-CI-B	
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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	944		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	640		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-CI-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1120		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-CI-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1470		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-CI-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	688		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B	
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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 or 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. 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 such 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.

A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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:

Reported:
14-Jun-23 11:02

G 46 168-171"**H232982-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1650		16.0	mg/kg	4	3061208	AC	12-Jun-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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:

Reported:
14-Jun-23 11:02

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%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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Celey D. Keene, Lab Director/Quality Manager



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:

Reported:
14-Jun-23 11:02

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 3061202 - General Prep - Organics**Blank (3061202-BLK1)**

Prepared & Analyzed: 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 & Analyzed: 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			

LCS Dup (3061202-BS1)

Prepared & Analyzed: 12-Jun-23

GRO C6-C10	157	10.0	mg/kg	200		78.6	78.5-124	16.7	17.7	
DRO >C10-C28	167	10.0	mg/kg	200		83.3	72.5-126	16.0	21	
Total TPH C6-C28	324	10.0	mg/kg	400		80.9	77.6-123	16.3	18.5	
Surrogate: 1-Chlorooctane	39.1		mg/kg	49.6		79.0	48.2-134			
Surrogate: 1-Chlorooctadecane	39.4		mg/kg	50.0		78.8	49.1-148			

Batch 3061316 - General Prep - Organics**Blank (3061316-BLK1)**

Prepared & Analyzed: 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			

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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:

Reported:
14-Jun-23 11:02

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3061316 - General Prep - Organics**LCS (3061316-BS1)**

Prepared & Analyzed: 13-Jun-23

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-BS1)

Prepared & Analyzed: 13-Jun-23

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			

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

BILL TO

ANALYSIS REQUEST

Company Name: Altamira		BILL TO		ANALYSIS REQUEST	
Project Manager: Bryan Haney		P.O. #: Direct Bill Novo			
Address: 14229 Punta Bonaire		Company: Oil and Gas			
City: Corpus Christi		Attn:			
Phone #: 361-658-3126		Address:			
Fax #: 361-658-3126		City:			
Project #: NVONM2303/001		State:			
Project Owner: Bryan Haney		Zip:			
Project Name: Novo Goonch Release		Phone #:			
Project Location: Loving New Mexico		Fax #:			
Sampler Name: J. Gonzalez					
FOR LAB USE ONLY					
Lab I.D.		Sample I.D.			
H232982		168-171"			
1 6 1		168-171"			
2 7 1		168-171"			
3 8 1		168-171"			
4 9 1		168-171"			
5 31 1		168-171"			
6 35 1		168-171"			
7 36 1		168-171"			
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85 114 1		168-171"			
86 115 1		168-171"			
87 116 1		168-171"			



Page 19 of 19

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



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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 12 168-171" (H233027-01)

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Sample ID: G 15 168-171" (H233027-03)

Chloride, SM4500CI-B		mg/kg		Analyzed 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

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Celey D. Keene, Lab Director/Quality Manager



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

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		mg/kg		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	112	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

[illegible]

Released to Imaging: 3/11/2024 1:57:55 PM



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

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: G 6 192-195" (H233103-01)

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	06/16/2023	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	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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	96.5 %	49.1-148							

Sample ID: G 7 192-195" (H233103-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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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Celey D. Keene, Lab Director/Quality Manager



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

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: G 9 192-195" (H233103-04)

Chloride, SM4500Cl-B		mg/ kg		Analyzed 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		Analyzed 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 %	48.2-134							
Surrogate: 1-Chlorooctadecane	96.1 %	49.1-148							

Sample ID: G 10 168-171" (H233103-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed 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, 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: 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: G 35 192-195" (H233103-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	06/16/2023	ND	400	100	400	3.92	

Sample ID: G 37 192-195" (H233103-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	06/16/2023	ND	400	100	400	3.92		

Sample ID: G 38 192-195" (H233103-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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	

Sample ID: G 39 192-195" (H233103-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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	

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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: 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: G 46 192-195" (H233103-12)**Chloride, SM4500Cl-B****mg/kg****Analyzed 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	

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

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 - 2 0-16' (H233103-13)

BTEx 8021B		mg/kg		Analyzed 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) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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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: 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)

BTX 8021B		mg/kg		Analyzed 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 BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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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: 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 - 3 - 1 0-16' (H233103-15)

BTEX 8021B		mg/kg		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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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: 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 - 3 - 2 0-16' (H233103-16)

BTEX 8021B		mg/kg		Analyzed 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) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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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: 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)

BTEX 8021B		mg/kg		Analyzed 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) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/16/2023	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	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 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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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: 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 - 1 0-8' (H233103-18)

BTX 8021B		mg/kg		Analyzed 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 BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira

Project Manager: Bryan Haney

Address: 14229 Punta Bonaire

City: Corpus Christi

Phone #: 361-658-3126

Project #: NVONM2303/001

Project Name: Nova Gooch Release

Project Location: Loving New Mexico

Sampler Name: J Gonzalez

BILL TO

P.O. #: Direct Bill Novo

Company: Oil and Gas

Attn:

Address:

City:

State:

Phone #:

Zip:

ANALYSIS REQUEST

City: Corpus Christi		State: Texas		Zip: 78412	Attn:		Company: Oil and Gas		Direct Bill Novo		ANALYSIS REQUEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Phone #: 361-658-3126		Fax #:		Project #:		Project Name:		Project Location:		Sample Name:		Phone #:		Fax #:		City:		State:		Zip:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Project #:		Project Owner:		Bryan Haney		Address:		City:		State:		Phone #:		Fax #:		City:		State:		Zip:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Project Name:		Project Location:		Loving New Mexico		Sample Name:		J. Gonzalez		Phone #:		Fax #:		City:		State:		Zip:		City:		State:		Zip:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		B T E H		T P H		C H L O R I D E S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Acquired By: [Signature]

Date: 6-15-23

Time: 1410

Received By: [Signature]

Date: 6-15-23

Time: 1418

Observed Temp. °C: 8.6

Corrected Temp. °C: 8.0

Sample Condition: Cool Intact ☒ Yes ☐ No

Checked By: [Signature]

Turnaround Time: Standard ☐ Rush ☒

Thermometer ID #113

Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool Intact ☒ Yes ☐ No

Observed Temp. °C: [Blank]

Corrected Temp. °C: [Blank]

Remarks: 24 hr TAT

Verbal Result: ☐ Yes ☐ No

Add'l Phone #: [Blank]

All Results are emailed. Please provide Email address: [Blank]

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

Company Name: (575) 393-2326 FAX (575) 393-2476

Page 14 of 14



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/28/2023
 Reported: 06/29/2023
 Project Name: NOVO GOONCH RELEASE
 Project Number: NVONM2303/001
 Project Location: LOVING NM

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						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/29/2023	ND	416	104	400	0.00		

Sample ID: NW - 2 + A 0-16' (H233348-02)

Chloride, SM4500Cl-B		mg/kg		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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Celey D. Keene, Lab Director/Quality Manager



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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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/25/2023
Reported: 07/26/2023
Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Location: LOVING NM

Sampling Date: 07/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: G - 39 15.5-16' ROCK (H233886-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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 6 (201-204") (H233963-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/28/2023	ND	416	104	400	0.00	

Sample ID: G 7 (201-204") (H233963-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/28/2023	ND	416	104	400	0.00	

Sample ID: G 8 (201-204") (H233963-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/28/2023	ND	416	104	400	0.00	

Sample ID: G 9 (201-204") (H233963-04)

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	07/28/2023	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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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: 07/27/2023
 Reported: 07/28/2023
 Project Name: NOVO GOONCH RELEASE
 Project Number: NVONM2303/001
 Project Location: LOVING NM

Sampling Date: 07/27/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: G 10 (201-204") (H233963-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 (177-180") (H233963-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
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		Analyzed 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, 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	07/28/2023	ND	416	104	400	0.00	

Sample ID: G 34 (201-204") (H233963-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/27/2023
 Reported: 07/28/2023
 Project Name: NOVO GOONCH RELEASE
 Project Number: NVONM2303/001
 Project Location: LOVING NM

Sampling Date: 07/27/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: G 35 (201-204") (H233963-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 (201-204") (H233963-11)

Chloride, SM4500CI-B		mg/kg		Analyzed 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 (201-204") (H233963-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 (201-204") (H233963-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 (201-204") (H233963-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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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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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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 3/11/2024 1:57:55 PM



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

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 accredited 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)

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



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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

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, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
01-Aug-23 10:24**G 7 (201-204")****H233963-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
01-Aug-23 10:24**G 8 (201-204")****H233963-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic 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, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-CI-B	
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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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Petroleum Hydrocarbons by 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	
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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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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)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	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, 78418Project: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Manager: BRYAN HANEY
Fax To:Reported:
01-Aug-23 10:24**G 34 (201-204")****H233963-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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:

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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:ALTAMIRA - US
14229 PUNTA BONAIRE DR.
CORPUS CHRISTI TX, 78418Project: 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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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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 38 (201-204")**H233963-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1660		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	560		16.0	mg/kg	4	3072825	AC	28-Jul-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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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 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 & Analyzed: 28-Jul-23				
Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20	

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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

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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			
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		96.1	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



Page 20 of 21

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

Page 21 of 21



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/01/2023
Reported: 08/02/2023
Project Name: NOVO GOONCH RELEASE
Project Number: NVONM2303/001
Project Location: LOVING NM

Sampling Date: 08/01/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 3 0-16' (H234062-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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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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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

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 accredited 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)

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



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:

Reported:
04-Aug-23 11:44

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
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SW - 3 0-16'	H234062-01	Soil	01-Aug-23 14:10	01-Aug-23 16:20
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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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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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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:
04-Aug-23 11:44

SW - 3 0-16'
H234062-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	3080217	AC	02-Aug-23	4500-Cl-B	
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Volatile Organic Compounds 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 (PID) 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. Keene, Lab Director/Quality Manager



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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:
04-Aug-23 11:44

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%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	

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Celey D. Keene, Lab Director/Quality Manager



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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:
04-Aug-23 11:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3080303 - Volatiles**Blank (3080303-BLK1)**

Prepared & Analyzed: 03-Aug-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)	0.0517		mg/kg	0.0500		103	71.5-134			

LCS (3080303-BS1)

Prepared & Analyzed: 03-Aug-23

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 & Analyzed: 03-Aug-23

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	
m,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	
Total Xylenes	6.05	0.150	mg/kg	6.00		101	88.2-128	0.680	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			

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 or 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. 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 such 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. Keene, Lab Director/Quality Manager



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:

Reported:
04-Aug-23 11:44

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3080306 - General Prep - Organics**Blank (3080306-BLK1)**

Prepared & Analyzed: 03-Aug-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	41.4		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

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

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			

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 or 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. 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 such 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. Keene, Lab Director/Quality Manager



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

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

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 or 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. 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 such 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. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira Project Manager: Bryan Haney Address: 14229 Punta Bonaire City: Corpus Christi State: Texas Zip: 78412 Phone #: 361-658-3126 Fax #: Project #: NVONNM2303/001 Project Owner: Bryan Haney Project Name: Novo Goonch Release Project Location: Loving New Mexico Sampler Name: J. Gonzalez				BILL TO P.O. #: Direct Bill Novo Company: Oil and Gas Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. H234X22 150-3 0-16'		Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING			
Date: 8/23/23 Time: 11:20 Date: 8/23/23 Time: 1410		Received By: [Signature] Date: 8/23/23 Time: 1410		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:			
Relinquished By: [Signature] Date: 8/23/23 Time: 11:20		Received By: [Signature] Date: 8/23/23 Time: 1410		REMARKS: 24 Hr TAT BTEX added 8/2/23 TPH 2 Day Rush			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp.: °C Corrected Temp.: °C		Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature] (Initials)			
Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Thermometer ID: 443 #146 Correction Factor: 0.5°C 7.9 8/1/23		Bacteria (only) Sample Condition Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp.: °C Corrected Temp.: °C		Add'l Phone #:			

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Cont Page 299 of 456

Name PETE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 631958

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. GOONCH FC. 0409-21411
County Edgar
API No. 30-015-46608
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste) _____			
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 18 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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____

Driver's Name _____
Print Name _____
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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLS Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

C-138

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY

Gold - RETURN TO GENERATOR

Version 1

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (432) 215-5950

GENERATOR

NO. 631963

Operator No. _____
Operators Name Novo oil 3 EHS
Address 1001 W. WILSHIRE Blvd
Suite 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 256-4791

Permit/RRC No. _____
Lease/Well _____
Name & No. BOONCHY FA 84890 314 H
County EDDY
API No. 20-015-46608
Rig Name & No. _____
AFE/PO No. 12/1A

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 B - BARRELS L - LIQUID 3 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____

Driver's Name _____
Print Name _____
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: _____ OUT: _____

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)Name PETE TRUJILLOPhone No. (405) 215-5492

GENERATOR

NO. 631962

Operator No. _____
Operators Name Mingo Oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. Goodwin Fr 0409 - 21411
County EDDY
API No. 30-015-46608
Rig Name & No. N/A
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME Pete Trujillo

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name K. D. C. H.
Address 1001 W. WILSHIRE BLVD
Phone No. _____

Driver's Name Michael Smith
Print Name Michael Smith
Phone No. _____
Truck No. 97

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 9-29-23

DRIVER'S SIGNATURE _____

DELIVERY DATE 9-29-23

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____

DATE 9/29

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

Name PETE TRAVILLOPhone No. (432) 215-5452

GENERATOR

NO. 631964

Operator No. _____
Operators Name WYO INC 3 GAS
Address 1001 W WILSHIRE BLVD
Suite 206
City, State, Zip Salt Lake City, UT 84119
Phone No. _____

Permit/RRC No. _____
Lease/Well _____
Name & No. Goodrich FC. 0409 214-H
County EDDY
API No. 30-015-46608
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME PETE TRAVILLODATE 09/29/23SIGNATURE PETE TRAVILLO

TRANSPORTER

Transporter's Name KODIAK
Address CARLSBAD
Phone No. _____

Driver's Name 2nd Gen Franco
Print Name _____
Phone No. 816 953 9841
Truck No. 92

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 09/29/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 09/29/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 11

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature]DATE 09/29/23TITLE OwnerSIGNATURE [Signature]

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name REX T. JILLPhone No. 303-255-5482

GENERATOR

NO. 631968

Operator No. _____

Permit/RRC No. _____

Operators Name Howe Oil & Gas

Lease/Well _____

Address 1001 W. WILSHIRE BLVDName & No. BOONCH T. 0409 214 11City, State, Zip OKLAHOMA CITY OK 73116County LOOYPhone No. (405) 386-4391API No. 30-015-46608Rig Name & No. 10/1A

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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____

Driver's 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

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 30131Site Name/Permit No. Halfway Facility / NM1-006Phone No. 575-393-1079Address 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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)Name PERE TRUJILLO
Phone No. (422) 215-4452

GENERATOR

NO. 631965Operator No. _____
Operators Name Novo Oil 3 Gas
Address 1001 W. WILSHIRE Blvd
Suite 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 288-4391Permit/RRC No. _____
Lease/Well _____
Name & No. Bench 52 0409 21411
County LeFlore
API No. 30-015-46108
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name TRUJILLO
Address 1001 W. WILSHIRE Blvd
Phone No. _____Driver's Name PERE TRUJILLO
Print Name PERE TRUJILLO
Phone No. _____
Truck No. 91

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 11Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-393-1079NORM 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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name RAE TRUJILLOPhone No. (505) 215-8152

GENERATOR

NO. 631969

Operator No. _____
Operators Name NOVO OIL & GAS
Address 1001 W WILSHIRE BLVD
SUITE 200
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. _____

Permit/RRC No. _____
Lease/Well _____
Name & No. BOONCHY FC 0409 214 H
County LEFLO
API No. 20-015-46608
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME RAE TRUJILLO

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____

Driver's Name _____
Print Name _____
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: _____ OUT: _____

Name/No. _____

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches	BS&W/BBLS Received		BS&W (%)	
1st Gauge			Free Water			
2nd Gauge			Total Received			
Received						

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact information

Name PERE TRUJILLOPhone No. (432) 215-5482

GENERATOR

NO. 631966

Operator No. _____
Operators Name NOVO OIL & GAS
Address 1001 W WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Ensign Fr 0409 - 2711
County EMERY
API No. 30-015-146608
Rig Name & No. _____
AFE/PO No. 01A

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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME PERE TRUJILLODATE 04/29/23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK
Address 0401 S BAD
Phone No. _____

Driver's Name Rosal Franco
Print Name _____
Phone No. 386 953 9841
Truck No. 93

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 04/29/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 04/29/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 0121

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge				
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) PERE TRUJILLODATE 5/2/23TITLE OwnerSIGNATURE [Signature]

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name PEPE TRIVIA L.OPhone No. (432) 215-5452

GENERATOR

NO. 631967

Operator No. _____

Permit/RRC No. _____

Operators Name Now Oil & Gas

Lease/Well _____

Address 1001 W. VILSHIRE BLVDName & No. GOONCH FR 0409 2144City, State, Zip SUMMIT 206County EDDYPhone No. OKLAHOMA CITY OK 73116API No. 30-015-46608

Rig Name & No. _____

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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME PEPE TRIVIA

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name KODIAKDriver's Name KATHY S. S. S.Address CARLSBADPrint Name 4-29-23

Phone No. _____

Phone No. _____

Truck No. 91

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 4-29-23

DRIVER'S SIGNATURE _____

DELIVERY DATE 4-29-23

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 11Site Name/Permit No. Halfway Facility / NM1-006Phone No. 575-393-1079Address 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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) PEPE TRIVIADATE 4/29/23

TITLE _____

SIGNATURE _____

Generator

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY - OK 73116
Phone No. _____

Permit/RRC No. _____
Lease/Well Name & No. Boonville Fe 0409 214 H
County Edmon
API No. 30 - 015 - 46608
Rig Name & No. _____
AFE/PO No. _____

NO. 631961

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 _____	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 _____	INTERNAL USE ONLY _____	OTHER EXEMPT WASTES (type and generation process of the waste) _____
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> 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	<u>18</u>	B - BARRELS	L - LIQUID	<u>Y</u> - 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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

Pete Treviño
(PRINT) AUTHORIZED AGENTS NAME

04/29/23
DATE

Pete Treviño
SIGNATURE

Transporter

Transporter's Name KODIAK
Address CARLSBAD
Phone No. _____

Driver's Name JOSE FERRAS
Print Name _____
Phone No. 978-953-3791
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.

04/29/23
SHIPMENT DATE

[Signature]
DRIVER'S SIGNATURE

04/29/23
DELIVERY DATE

[Signature]
DRIVER'S SIGNATURE

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: _____ OUT: _____		Name/No. <u>11</u>
Site Name/ Permit No. <u>Halfway Facility / NM1-006</u> Address <u>6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220</u>	Phone No. <u>575-393-1079</u>	
NORM READINGS TAKEN? (Circle One) YES <u>NO</u> PASS THE PAINT FILTER TEST? (Circle One) YES <u>NO</u>	If YES, was reading > 50 micro roentgens? (circle one) YES <u>NO</u>	

TANK BOTTOMS

Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge _____	_____	Free Water _____	_____
2nd Gauge _____	_____	Total Received _____	_____
Received _____	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

[Signature]
NAME (PRINT)

4/27/23
DATE

[Signature]
TITLE

[Signature]
SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information

(PLEASE PRINT)

Name ALTE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 631957

Operator No. 10
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. Goodrich EC 0409 214 11A
County EDDY
API No. 30-015-46608
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Alte TrujilloDATE 09/29/23SIGNATURE Alte Trujillo

TRANSPORTER

Transporter's Name KCLINK
Address CARLSBAD
Phone No. _____

Driver's Name 285.1 Fournier
Print Name _____
Phone No. 786-9539841
Truck No. 92

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 09/29/23

DRIVER'S SIGNATURE _____

DELIVERY DATE 09/29/23

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 3151

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) ALTE TRUJILLODATE 09/29TITLE DOCSIGNATURE Alte Trujillo

Name PETE TRUJILLO

Phone No. (432) 215-5452

GENERATOR

NO. 631960

Operator No. _____
 Operators Name MOVO OIL & GAS
 Address 1001 W. WILSHIRE BLVD
SUITE 206
 City, State, Zip OKLAHOMA CITY, OK 73116
 Phone No. (405) 286-4391

Permit/RRC No. _____
 Lease/Well Name & No. 6000CH FC 0409 214H
 County EDDY
 API No. 30-015-46608
 Rig Name & No. _____
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
 (PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KODIAK
 Address CORPUS CHRISTI
 Phone No. _____

Driver's Name ROBERT SUTHER
 Print Name ROBERT SUTHER
 Phone No. _____
 Truck No. 91

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 4-29-23

DRIVER'S SIGNATURE [Signature]

DELIVERY DATE 4-29-23

DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 11

Site Name/ Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature]

DATE 4/29/23

TITLE _____

SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name Pete TrevinoPhone No. (427) 215-5452

GENERATOR

NO. 588873

Operator No. _____
Operators Name NUVO OIL & GAS
Address 1001 W. WHILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY - OK 73116
Phone No. 405 - 286 - 4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Goodrich Fr 0409-21411
County EMERY
API No. 30-615-46608
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 backQUANTITY 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete TrevinoDATE 24-04-23SIGNATURE Pete Trevino

TRANSPORTER

Transporter's Name Kochan
Address _____
Phone No. _____

Driver's Name _____
Print Name _____
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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ _____
Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

Feet _____ Inches _____
1st Gauge _____
2nd Gauge _____
Received _____

BS&W/BLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (431) 215-5452

GENERATOR

NO. 588880

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD.
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73146
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. GOUCH FL. 0409. 2141
County LOOY
API No. 30-015-46608
Rig Name & No. _____
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	_____	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	<u>X</u>	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete TrujilloDATE 4-27-23SIGNATURE PETE

TRANSPORTER

Transporter's Name ROSE KO DIAK
Address CARLSBAD
Phone No. _____

Driver's Name ROSE FRANCO
Print Name _____
Phone No. 786 953 9841
Truck No. 99

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 04/23/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 04/23/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 26

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED ☒ DENIED ☐ If denied, why? _____NAME (PRINT) [Signature]DATE 4/27/23TITLE ownerSIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. 4321 215 - 5452

GENERATOR

NO. 588879

Operator No. _____
Operators Name MOVO OIL & GAS
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY - OK 73116
Phone No. (405) 286 - 4391

Permit/RRC No. _____
Lease/Well _____
Name & No. 600CH Fc. 0409 21411
County EDDY
API No. 30 - 015 - 46608
Rig Name & No. _____
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	_____	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	<u>X</u>	INTERNAL USE ONLY	_____	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 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 backQUANTITY 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete TrujilloDATE 4-27-23SIGNATURE Pete Trujillo

TRANSPORTER

Transporter's Name KODIAK
Address CHRISTIAN
Phone No. _____

Driver's Name MIKEEL SUTTOR
Print Name 7505031667
Phone No. _____
Truck No. 91

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 4-26-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 4-26-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

Feet	Inches
1st Gauge	_____
2nd Gauge	_____
Received	_____

BS&W/BBLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____NAME (PRINT) [Signature]DATE 4/21/23TITLE admSIGNATURE [Signature]

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name PEPE TRUJILLOPhone No. 432 215 5452

GENERATOR

NO. **588899**

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD.
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Goodrich Fr. 0409 214 H
County COMB
API No. 30-015-46608
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete TrujilloDATE 4-27-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____

Driver's Name _____
Print Name _____
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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ _____
Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES C NO C If YES, was reading > 50 micro roentgens? (circle one) YES C NO C

PASS THE PAINT FILTER TEST? (Circle One) YES C NO C

TANK BOTTOMS

1st Gauge _____ Feet _____ Inches _____
2nd Gauge _____
Received _____

BS&W/BBLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED C DENIED C If denied, why? _____NAME (PRINT) Pete TrujilloDATE 4/27/23TITLE OwnerSIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name: PETE TRUJILLO

Phone No. (432) 215-5452

GENERATOR

NO. 588898

Operator No. _____
Operators Name: Novo oil & Gas
Address: 1001 W. WILSHIRE BLVD
Suite 206
City, State, Zip: OKLAHOMA CITY - OK - 73116
Phone No.: (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No.: Garcon FC. 0409. 214 H
County: EDDY
API No.: 30-015-46608
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of this waste)
Tank Bottoms	Truck Washout (exempt waste)	
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: 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name: KODIAK
Address: CARLSBAD
Phone No. _____

Driver's Name: LAZARO LOPEZ
Print Name: _____
Phone No.: 5752002057
Truck No.: 60

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one): ACCEPTED 4/27 LAZARO If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. 931 215-5452

GENERATOR

NO. 588881

Operator No. _____
Operators Name Novo oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. BOONCH FC. 0409 214 H
County EDDY
API No. 30-015-46608
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete TrujilloDATE 4-27-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KOOLIPK
Address CHASIS
Phone No. _____

Driver's Name DAVID S. SUTHER
Print Name DAVID S. SUTHER
Phone No. _____
Truck No. 91

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 4-27-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 4-27-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 11

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES YES NO If YES, was reading > 50 micro roentgens? (circle one) YES YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES YES NO

TANK BOTTOMS

Feet	Inches	BS&W/BBLS Received	Free Water	Total Received	BS&W (%)
1st Gauge					
2nd Gauge					
Received					

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) Pete TrujilloDATE 4/27/23TITLE OwnerSIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (505) 215-5452

GENERATOR		NO. <u>588876</u>
Operator No.	Permit/RRC No.	
Operators Name <u>Now on 3 GAS</u>	Lease/Well	
Address <u>1001 W. WILSHIRE BLVD</u>	Name & No.	<u>66001-H-FC-0409 (C1411)</u>
<u>SUITE 200</u>	County	<u>EDDY</u>
City, State, Zip <u>OKLAHOMA CITY, OK 73116</u>	API No.	<u>30-Dis-46608</u>
Phone No. <u>(405) 286-4391</u>	Rig Name & No.	
	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	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	INTERNAL USE ONLY	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 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 <u>18</u>	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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO (PRINT) AUTHORIZED AGENTS NAME 04-28-23 DATE [Signature] SIGNATURE

TRANSPORTER	
Transporter's Name	Driver's 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	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP		DISPOSAL FACILITY	
IN: _____	OUT: _____	RECEIVING AREA	
		Name/No. <u>11</u>	
Site Name/	Halfway Facility / NM1-006	Phone No.	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		

TANK BOTTOMS			
1st Gauge	Feet	Inches	BS&W/BBLs Received
2nd Gauge			Free Water
Received			Total Received

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

(PLEASE PRINT)

Name

Phone No.

GENERATOR

NO.

588875

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.

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		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		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	X	Truck Washout (exempt waste)			
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's

Name

Address

Phone No.

Driver's Name

Print Name

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

IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No.

Site Name/

Permit No.

Address

Phone No.

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 BOTTOMS

1st Gauge

2nd Gauge

Received

Feet

Inches

BS&W/BBLs Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

C-138

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY

Gold - RETURN TO GENERATOR

Version 1

GENERATOR		NO. 588874
Operator No.		Permit/RRC No.
Operators Name	Have oil & Gas	Lease/Well
Address	1001 W WILSHIRE BLVD	Name & No.
	SUITE 206	County
City, State, Zip	OKLAHOMA CITY, OK 73116	API No.
Phone No.	405-286-4391	Rig Name & No.
		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	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	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> 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	18	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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

Signature: PETE TRAVILLO DATE: 09/20/23

TRANSPORTER	
Transporter's Name	Driver's 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: 09/22/23 DRIVER'S SIGNATURE: [Signature] DELIVERY DATE: 09/22/23 DRIVER'S SIGNATURE: [Signature]

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:		Name/No.
Site Name/Permit No.	Phone No.	
Address		
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 BOTTOMS	
Feet	Inches
1st Gauge	BS&W/BBLs Received
2nd Gauge	Free Water
Received	Total Received

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT): DATE: TITLE: SIGNATURE:

Operator No. _____ Operators Name Novo Oil & Gas Address 1001 W. WILSHIRE BLVD SUITE 206 OKLAHOMA CITY OK 73116 City, State, Zip OKLAHOMA CITY OK 73116 Phone No. (405) 286-4391

GENERATOR NO. 631955

Permit/RRC No. _____ Lease/Well Name & No. Branch FF 0409 2144 County EDDY API No. 30-015-46608 Rig Name & No. _____ 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	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	INTERNAL USE ONLY	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 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

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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME _____ DATE _____ SIGNATURE _____

Transporter's Name Novo Oil & Gas Address _____ Phone No. _____

Driver's Name Blaine H. H. Print Name _____ Phone No. _____ Truck No. 28122

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: _____ OUT: _____	Name/No. <u>28</u>	
Site Name/Permit No. <u>Halfway Facility / NM1-006</u>	Phone No. <u>575-393-1079</u>	
Address <u>6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220</u>		

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 BOTTOMS	
Feet	Inches
1st Gauge	
2nd Gauge	
Received	
BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) Blaine H. H. DATE 9/21/23 TITLE Manager SIGNATURE [Signature]



(PLEASE PRINT)

Name: ETE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. **588878**

Operator No. _____
Operators Name NOVOZEL & GAS
Address 1001 W. WASHINGTON BLVD
SUITE 200
City, State, Zip OKLAHOMA CITY - OK 73106
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. Boonch R 0409 214 H
County EDDY
API No. 30-015-46608
Rig Name & No. _____
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	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	INTERNAL USE ONLY	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 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 backQUANTITY 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____ Driver's 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

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

Feet Inches
1st Gauge _____
2nd Gauge _____
Received _____

BS&W/BBLS Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

C-138

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY

Gold - RETURN TO GENERATOR

Version 1

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name PEPE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 631953

Operator No. _____

Permit/RRC No. _____

Operators Name Novo Oil & Gas

Lease/Well _____

Address 1001 W. WILSHIRE BLVDName & No. BOONCH FC 0409 214 11City, State, Zip OKLAHOMA CITY, OK 73116County EDDYPhone No. (405) 286-4391API No. 30-015-46605

Rig Name & No. _____

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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KODIRIKDriver's Name LUZAR, LORENZOAddress Carlsbad

Print Name

Phone No. 505 200 2051Phone No. 505 200 2051Truck No. 60

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: _____ OUT: _____

Name/No. 11

Site Name/ _____

Phone No. 575-393-1079Permit No. Halfway Facility / NM1-006Address 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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact information

Name Pete TrujilloPhone No. (432) 215-5452

GENERATOR

NO. 631959

Operator No. _____
Operators Name Novo ole 3 Gas
Address 1001 W. WILSHIRE BLVD
Suite 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 286 4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Goodrich FC 0409 214 H
County EMERY
API No. 30-615-46608
Rig Name & No. _____
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME PETE TRUJILLO

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KADINK
Address Carlsbad
Phone No. _____

Driver's Name RHAFAL S. S. S. S.
Print Name _____
Phone No. _____
Truck No. 91

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 4-28-23

DRIVER'S SIGNATURE

DELIVERY DATE 4-28-23

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

C-138

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY

Gold - RETURN TO GENERATOR

Version 1

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (405) 215-5452

GENERATOR

NO. 631952

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Branch # 0409 214 H
County FOOT
API No. 30-015-46608
Rig Name & No. _____
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KOTRYK
Address CARLSBAD
Phone No. 575-200-2051

Driver's Name LUZARD LOPEZ
Print Name _____
Phone No. 575-200-2050
Truck No. 60

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079NORM 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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED ☐ DENIED ☐ If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

C-138

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY

Gold - RETURN TO GENERATOR

Version 1

ENVIRONMENTAL SOLUTIONS

RECEIVED

9/21/2023 10:15:45 AM

W MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Page 325 of 456

Name

Phone No.

PETE TRUJILLO

(432) 215-5152

GENERATOR

NO. 631954

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.

None oil & Gas

1001 W. WILSHIRE BLVD

Suite 206

OKLAHOMA CITY, OK 73116

(405) 286-4391

George R. 0409 214 H

EDDY

30. 015-46608

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	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	INTERNAL USE ONLY	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 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

18

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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information

☐ RCRA Hazardous Waste Analysis

☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO

04/29/23

PETE TRUJILLO

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name

Address

Phone No.

Driver's Name

Print Name

Phone No.

Truck No.

KOTIAD

CARLSBAD

575 200 2057

Lazara Loredo

575 200 2057

CG

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.

04/29/23

04/29/23

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN:

OUT:

DISPOSAL FACILITY

RECEIVING AREA

Site Name/ Permit No.

Address

Phone No.

Halfway Facility / NM1-006

6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

575-393-1079

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 BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

C-138

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY

Gold - RETURN TO GENERATOR

Version 1

Released to Imaging: 3/11/2024 1:57:55 PM



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name: PETE TRUJILLO
Phone No.: (432) 215-5452

GENERATOR		NO. <u>588883</u>
Operator No.	Permit/RRC No.	
Operators Name	Lease/Well	
Address	Name & No.	<u>BRANCH FC 0409 214 H</u>
	County	<u>EDDY</u>
City, State, Zip	API No.	<u>30-015-46608</u>
Phone No.	Rig Name & No.	
	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	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	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> 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	<u>18</u>	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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

Pete Trujillo 9-27-23 [Signature]
(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER	
Transporter's Name	Driver's Name
<u>KODIAK</u>	<u>LARA RO TORRES</u>
Address	Print Name
<u>CARLSBAD</u>	
Phone No.	Phone No.
	<u>505 200 2057</u>
	Truck No.
	<u>00</u>

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.

09/27/23 [Signature] 09/27/23 [Signature]
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: <u> </u> OUT: <u> </u>		Name/No. <u> </u>
Site Name/Permit No.	Phone No.	
<u>Halfway Facility / NM1-006</u>	<u>575-393-1079</u>	
Address		
<u>6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220</u>		
NORM READINGS TAKEN? (Circle One)	YES	NO
PASS THE PAINT FILTER TEST? (Circle One)	YES	NO

TANK BOTTOMS			
1st Gauge	Feet	Inches	BS&W/BBLs Received
2nd Gauge			Free Water
Received			Total Received
			BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE

Name: (432) 215-3452
Phone No. (432) 215-3452

GENERATOR

NO. 588882

Operator No.
Operators Name: Novo Oil & Gas
Address: 1001 N. WILSHIRE BLVD
Suite 206
City, State, Zip: OKLAHOMA CITY - OK 73116
Phone No. (405) 286-4391

Permit/RRC No.
Lease/Well Name & No.: Goodrich FC. 0409 214 H
County: EDDY
API No.: 30-015-46608
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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: 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name: KELLER
Address: 1001 N. WILSHIRE BLVD
Phone No.:
Driver's Name: RAPHAEL S. SANCHEZ
Print Name: RAPHAEL S. SANCHEZ
Phone No.:
Truck No.: 91

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

IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 11

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-393-1079

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 BOTTOMS

	Feet	Inches	BS&W/BBLs Received	Free Water	Total Received	BS&W (%)
1st Gauge						
2nd Gauge						
Received						

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name JOE TRUJILLOPhone No. (437) 215-5452

GENERATOR

NO. **588900**

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. Boonch FC-0409-214H
County CODD
API No. 30-015-46608
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____ Driver's 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

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____ Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 975-393-1079
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 BOTTOMS

Feet

Inches

1st Gauge _____
2nd Gauge _____
Received _____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

GENERATOR

NO. 631949

Operator No.
 Operators Name Mark ALC 3 Gas
 Address 1001 W. WILSON BLVD
208 Suite
 City, State, Zip OKLAHOMA CITY OK 73116
 Phone No. (405) 286-4391

Permit/RRC No.
 Lease/Well Name & No. Energy Fr 0409-21411
 County CLAY
 API No. 70-015-46608
 Rig Name & No.
 AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

NON-INJECTABLE WATERS		INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Ben Tammie

DATE 04-27-23

SIGNATURE

TRANSPORTER

Transporter's Name
 Address
 Phone No.

Driver's Name
 Print Name
 Phone No.
 Truck No. 9

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 4-28-23

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge	<u> </u>	<u> </u>
2nd Gauge	<u> </u>	<u> </u>
Received	<u> </u>	<u> </u>

BS&W/BBLS Received	<u> </u>	BS&W (%)	<u> </u>
Free Water	<u> </u>		
Total Received	<u> </u>		

I hereby certify that the above load material has been (circle one): ACCEPTED ☒ DENIED ☐ If denied, why?

NAME (PRINT)

DATE 4/28

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE-MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name Pat TrevinoPhone No. 505-215-5452**GENERATOR**NO. 631950

Operator No. _____

Operators Name Maya Oil & Gas

Address 1001 W. WILSHIRE BLVD
206 SUITE

City, State, Zip OKLAHOMA CITY OK 73106

Phone No. (405) 206-4391

Permit/RRC No. _____

Lease/Well _____

Name & No. Broken TE 0409-214 W

County Franklin

API No. 20 08 16608

Rig Name & No. _____

A/E/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Kelink

Address 1001 W. WILSHIRE BLVD

Phone No. _____

Driver's Name RANK SANCHEZ

Print Name _____

Phone No. _____

Truck No. 91

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

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. 211

Site Name/Permit No. Halfway Facility / NM1-006

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. 4321 215 - 5452

GENERATOR

NO. 588877

Operator No. _____

Permit/RRC No. _____

Operators Name Novo Oil & Gas

Lease/Well _____

Address 1001 - W. WILSHIRE BLVDName & No. BOONCH FC 0409 214 HAddress SUITE 206County EDDYCity, State, Zip OKLAHOMA CITY OK 73116API No. 30-015-46608Phone No. (405) 286-4391

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 20

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 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)



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 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-hazardous is attached. (Check the appropriate items as provided)



MSDS Information



RCRA Hazardous Waste Analysis



Other (Provide Description Below)



EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME PETE TRUJILLODATE 04-26-23SIGNATURE [Signature]

TRANSPORTER

Transporter's

Name KodiakDriver's Name EDWIN GUTIERREZAddress Carlsbad

Print Name _____

Phone No. _____

Phone No. 305 608 6703Truck No. 08

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 4/26/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 4/26/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 588877

Site Name/

Permit No. Halfway Facility / NM1-006Phone No. 575-393-1079Address 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 BOTTOMS

Feet

Inches

1st Gauge
2nd Gauge
Received

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) PETE TRUJILLODATE 4/26/23TITLE OwnerSIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (432) 215-5452**GENERATOR**NO. **588887**

Operator No. _____
 Operators Name Novo Oil Gas
 Address 1001 W. WILSHIRE BLVD
SUITE 206
 City, State, Zip OKLAHOMA CITY, OK 73110
 Phone No. 405-286-4391

Permit/RRC No. _____
 Lease/Well _____
 Name & No. Boonch FC 0409 214 H
 County Edo
 API No. 30-015-46608
 Rig Name & No. _____
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
 (PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KODIAK
 Address CARLSBAD
 Phone No. _____

Driver's Name RAFAEL
 Print Name 4565C31667
 Phone No. _____
 Truck No. 91

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

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. 50151

Site Name/ Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079NORM 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 BOTTOMS**

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED ☒ DENIED ☐ If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name

Phone No.

PETE TRUJILLO

(432) 215-5452

GENERATOR

NO. 588888

Operator No. _____
 Operators Name Novo Oil 3 Gas
 Address 1001 W. WILSHIRE BLVD
Suite 206
 City, State, Zip OKLAHOMA CITY, OK 73116
 Phone No. (405) 286-4391

Permit/RRC No. _____
 Lease/Well Name & No. Boonch Fe 0409 214 H
 County EDDY
 API No. 30-015-46608
 Rig Name & No. _____
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
 (PRINT) AUTHORIZED AGENTS NAME

DATE

04.26.23

SIGNATURE

[Signature]

TRANSPORTER

Transporter's Name KODIAK
 Address CARLSBAD
 Phone No. _____

Driver's Name ROSEL FRANCO
 Print Name _____
 Phone No. 286953 9841
 Truck No. 93

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 9

Site Name/ Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079NORM 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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

GENERATOR		NO. 588893
Operator No.		Permit/RRC No.
Operators Name <u>Mojo Oil & Gas</u>		Lease/Well
Address <u>1001 W. WINDSHIRE BLVD</u>		Name & No. <u>GOONCH Fc 0409 214 H</u>
		County <u>EDDY</u>
City, State, Zip <u>OKLAHOMA CITY - OK 73116</u>		API No. <u>30-015-46608</u>
Phone No. <u>(405) 286-4391</u>		Rig Name & No.
		A/E/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	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	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:	<input type="checkbox"/> DRILLING	<input type="checkbox"/> COMPLETION	<input type="checkbox"/> PRODUCTION	<input type="checkbox"/> 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 <u>18</u>	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
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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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRULLO
(PRINT) AUTHORIZED AGENTS NAME

04-2-23
DATE

PETE TRULLO
SIGNATURE

TRANSPORTER	
Transporter's Name <u>KODIAK</u>	Driver's Name <u>RAFAEL S. L. R. 7</u>
Address <u>CHRIS LUT</u>	Print Name <u>7368021007</u>
	Phone No.
Phone No.	Truck No. <u>91</u>

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 <u>4-26-23</u>	DRIVER'S SIGNATURE <u>[Signature]</u>	DELIVERY DATE <u>4-26-23</u>	DRIVER'S SIGNATURE <u>[Signature]</u>
------------------------------	---------------------------------------	------------------------------	---------------------------------------

TRUCK TIME STAMP		DISPOSAL FACILITY	RECEIVING AREA
IN:	OUT:		Name/No. <u>28</u>

Site Name/Permit No. <u>Halfway Facility / NM1-006</u>	Phone No. <u>575-393-1079</u>
Address <u>6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220</u>	

NORM READINGS TAKEN? (Circle One) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If YES, was reading > 50 micro roentgens? (circle one) YES <input type="checkbox"/> NO <input type="checkbox"/>
PASS THE PAINT FILTER TEST? (Circle One) YES <input type="checkbox"/> NO <input type="checkbox"/>	

TANK BOTTOMS			
Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED ☒ DENIED ☐ If denied, why?

Jessie
NAME (PRINT)

2/1/24
DATE

TRULLO
TITLE

[Signature]
SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact information

Name Pete TrujilloPhone No. 4321215-5452

GENERATOR

NO. 588896

Operator No. _____
Operators Name Novo oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. 405-286-4391

Permit/RRC No. _____
Lease/Well Name & No. 6000 CH TR 0109-214 H
County EDDY
API No. 300-015-46608
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete TrujilloDATE 09/26/23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK
Address CARLSBAD
Phone No. _____

Driver's Name Rosel Janneru
Print Name _____
Phone No. 786 753 7891
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 09/26/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 09/26/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

1st Gauge _____
2nd Gauge _____
Received _____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? [Signature]NAME (PRINT) [Signature]DATE 9/26TITLE [Signature]SIGNATURE [Signature]

GENERATOR		NO. 588895
Operator No.	11000 OIL 3 GAS	Permit/RRC No.
Operators Name	1001 W. WILSHIRE RD	Lease/Well Name & No.
Address	Suite 206	County
City, State, Zip	OKLAHOMA CITY OK 73116	API No.
Phone No.	(405) 286-4391	Rig Name & No.
		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	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	INTERNAL USE ONLY	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 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
18				

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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER	
Transporter's Name	Driver's Name
Address	Print Name
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
9/26/23		9/26/23	

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:		Name/No.
Site Name/ Permit No.	Phone No.	
Address		

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 BOTTOMS	
Feet	Inches
1st Gauge	BS&W/BBLs Received
2nd Gauge	Free Water
Received	Total Received

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT)

Name PETE TRUJILLOPhone No. 405-215-5452

GENERATOR

NO. 588891

Operator No. _____

Permit/RRC No. _____

Operators Name Ypvo Oil & Gas

Lease/Well _____

Address 1001 W. WILSHIRE BLVD

Name & No. _____

City, State, Zip OKLAHOMA CITY - OK 73116

County _____

Phone No. (405) 286-4391

API No. _____

Rig Name & No. _____

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	_____	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	_____	INTERNAL USE ONLY	_____	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KochlinkDriver's Name Carlos GonzalezAddress Carlsbad

Print Name _____

Phone No. 305 608 6703Phone No. 305 608 6703Truck No. 08

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: _____ OUT: _____

Name/No. _____

Site Name/

Halfway Facility / NM1-006

Phone No.

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

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLs Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

Generator

Operator No.
Operators Name
Address
City, State, Zip
Phone No.

Generator

Permit/RRC No.
Lease/Well
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

NO. 588861

Goosch FC 0409 214-H
EDDY
30-015-46608

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	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	INTERNAL USE ONLY	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 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

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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

Signature: PETE TRULLO

Signature: 09-24-23

Signature: [Signature]

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

Transporter

Transporter's Name
Address
Phone No.

Transporter

Driver's Name
Print Name
Phone No.
Truck No.

Transporter

Rodriguez
CHRISTOPHER
91

Transporter

RAFAEL SUAREZ
7665031607
91

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

IN: OUT:

DISPOSAL FACILITY

Site Name/
Permit No.
Address

RECEIVING AREA

Name/No.

DISPOSAL FACILITY

Halfway Facility / NM1-006
6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

RECEIVING AREA

28

DISPOSAL FACILITY

Phone No. 575-393-1079

DISPOSAL FACILITY

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

DISPOSAL FACILITY

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Feet
Inches

TANK BOTTOMS

1st Gauge
2nd Gauge
Received

TANK BOTTOMS

BS&W/BLS Received
Free Water
Total Received

TANK BOTTOMS

BS&W (%)

TANK BOTTOMS

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

TANK BOTTOMS

NAME (PRINT) DATE TITLE SIGNATURE



(PLEASE PRINT)

Name Kate Trujillo

Phone No. 432215 5452

GENERATOR

NO. 588884

Operator No. _____
 Operators Name Novo oil + gas
 Address 1001 W. Wilshire Blvd
 Suite 206
 City, State, Zip Oklahoma City, OK 73116
 Phone No. 405.256.4391

Permit/RRC No. _____
 Lease/Well Name & No. Gorch FC 0409 214H
 County Edley
 API No. 30-015-46608
 Rig Name & No. _____
 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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	X	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name COLIANK
 Address Carlsbad
 Phone No. 505-700-2051

Driver's Name LOZANO JUAN JOSE
 Print Name
 Phone No. 505-700-2051
 Truck No. 60

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 9

Site Name/ Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

GENERATOR		NO. 588863
Operator No.	Permit/RRC No.	<u>Goodrich 0409 214 H</u> <u>EDDY</u> <u>30-015-46608</u>
Operators Name	Lease/Well Name & No.	
Address	County	
City, State, Zip	API No.	
Phone No.	Rig Name & No.	
	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	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	INTERNAL USE ONLY	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 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

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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO 04-29-23 [Signature]
(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER	
Transporter's Name	Driver's 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.

4-25-23 [Signature] 4-25-23 [Signature]
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: _____ OUT: _____		Name/No. _____
Site Name/Permit No.	Phone No.	
Address		
NORM READINGS TAKEN? (Circle One) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If YES, was reading > 50 micro roentgens? (circle one) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
PASS THE PAINT FILTER TEST? (Circle One) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		

TANK BOTTOMS			
Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED ☒ DENIED ☐ If denied, why? _____

[Signature] 4/25 4/25 [Signature]
NAME (PRINT) DATE TITLE SIGNATURE

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.

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	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	INTERNAL USE ONLY	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 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

18

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 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)



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 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-hazardous is attached. (Check the appropriate items as provided)



MSDS Information



RCRA Hazardous Waste Analysis



Other (Provide Description Below)



EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's

Name

Address

Phone No.

Driver's Name

Print Name

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

IN:

OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No.

Site Name/

Permit No.

Address

Halfway Facility / NM1-006

Phone No.

575-393-1079

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 BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLs Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

Operator No. _____

Operators Name Novo Oil & Gas

Address 1001 W. WILSHIRE BLVD
SUITE 206

City, State, Zip OKLAHOMA CITY, OK 73116

Phone No. 405-286-9391

Permit/RRC No. _____

Lease/Well Name & No. Goodwin FC 0409 - 214 H

County LOGAN

API No. 30-015-46608

Rig Name & No. N/A

AFE/PO No. _____

Generator NO. **588869**

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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Kooliak

Address DARK BACK

Phone No. 305 608 6703

Driver's Name CHUCK GONZALES

Print Name _____

Phone No. 305 608 6703

Truck No. 05

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 50101

Site Name/ Permit No. Halfway Facility / NM1-006

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name PETE TRUJILLO

Phone No. (432) 215-5452

GENERATOR		NO. 588865
Operator No.	None oil & Gas	Permit/RRC No.
Operators Name	1001 W. WILSHIRE BLVD	Lease/Well
Address	SUITE 206	Name & No.
City, State, Zip	OKLAHOMA CITY, OK 73116	County
Phone No.	405-286-4391	API No.
		Rig Name & No.
		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	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	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> 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	18	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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO (PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER	
Transporter's Name	Driver's 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 DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP		DISPOSAL FACILITY		RECEIVING AREA	
IN:	OUT:	Name/No.		Name/No.	
Site Name/	Halfway Facility / NM1-006	Phone No.		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

TANK BOTTOMS			
1st Gauge	Feet	Inches	BS&W/BBLs Received
2nd Gauge			Free Water
Received			Total Received

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If Denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

GENERATOR

NO.

588866

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.

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		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		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	X	Truck Washout (exempt waste)			
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

18

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 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)

☐

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 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-hazardous is attached. (Check the appropriate items as provided)

☐

MSDS Information

☐

RCRA Hazardous Waste Analysis

☐

Other (Provide Description Below)

☐

EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO

(PRINT) AUTHORIZED AGENTS NAME

04-25-23

DATE

SIGNATURE

TRANSPORTER

Transporter's

Name

Address

Phone No.

Driver's Name

Print Name

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

IN:

OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No.

Site Name/

Permit No.

Address

Halfway Facility / NM1-006

Phone No.

575-393-1079

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 BOTTOMS

Feet

Inches

1st Gauge
2nd Gauge
Received

BS&W/BBLs Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT)

Name PETE TRUJILLOPhone No. 405-286-9391

GENERATOR

NO. 588871

Operator No. _____
 Operators Name NOVO OIL & GAS
 Address 1001 W. WILSHIRE BLVD
Suite 206
 City, State, Zip OKLAHOMA CITY OK 73116
 Phone No. 405-286-9391

Permit/RRC No. _____
 Lease/Well Name & No. GOONCH FL 0409 214H
 County EDDY
 API No. 30-015-46608
 Rig Name & No. _____
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
E&P Contaminated Soil <u>X</u>		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KODAK
 Address 04115 Bldg
 Phone No. _____

Driver's Name Rose F. Farnsworth
 Print Name _____
 Phone No. 586550 9891
 Truck No. 97

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED 9/26 DENIED WBA If denied, why? WBA

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT)

Name PETE TRUJILLOPhone No. (432) 215-5150

GENERATOR

NO. 588894

Operator No. _____

Permit/RRC No. _____

Operators Name New Oil & Gas

Lease/Well _____

Address 1001 W. WILSHIRE BLDG

Name & No. _____

City, State, Zip SURE 206

County _____

Phone No. OKLAHOMA CITY, OK 73116API No. 30-015-46608

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KODIAKDriver's Name Gasol FrancoAddress CARLSBAD

Print Name _____

Phone No. _____

Phone No. 786 9537841Truck No. 97

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: _____ OUT: _____

Name/No. 28

Site Name/

Halfway Facility / NM1-006

Phone No.

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

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name RETE TRUJILLOPhone No. (432) - 215 - 5452

GENERATOR

NO. 588897

Operator No. _____

Permit/RRC No. _____

Operators Name MOVO OIL & GAS

Lease/Well _____

Name & No. Goench Fr. 0409 214 HAddress 1001 W. WILSHIRE BLVD

County _____

API No. 30. D15 - 46608City, State, Zip OKLAHOMA CITY, OK 73116

Rig Name & No. _____

Phone No. 405 - 286 - 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	_____	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	_____	INTERNAL USE ONLY	_____	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME PETE TRUJILLODATE 04-25-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KodiakDriver's Name EMERSON ROBERTSAddress Carlsbad

Print Name _____

Phone No. 305 608 6503Phone No. 305 608 6503Truck No. 08

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 4/26/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 4/26/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 28Site Name/ Halfway Facility / NM1-005Phone No. 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

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature]DATE 4/26TITLE [Signature]SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name Pete IronilloPhone No. 432-215-5452

GENERATOR

NO. 588885

Operator No. _____

Permit/RRC No. _____

Operators Name Novo oil + gas

Lease/Well _____

Address 1001 W. Wilshire BlvdName & No. Granch FC 0409 214HCity, State, Zip OKlahoma City, OK 73116County 5619Phone No. 405-286-4391API No. 30 015 46608

Rig Name & No. _____

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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>x</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete IronilloDATE 4-25-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name Red Ink

Address Carlsbad

Phone No. _____

Driver's Name Rafael

Print Name Rafael

Phone No. _____

Truck No. 71

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 4-26-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 4-26-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 7

Site Name/ Permit No. Halfway Facility / NM1-006

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

1st Gauge	Feet	Inches
2nd Gauge		
Received		

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? OutsNAME (PRINT) [Signature]DATE 4/26/23TITLE [Signature]SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TAVILLOPhone No. (432) 215-5452

GENERATOR

NO. 588890

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. BOONCH Fr. 0409 214 H
County EDDY
API No. 30-015-46608
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TAVILLO
(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name RODIAK
Address CHILSBAD
Phone No. _____

Driver's Name BACCHER SCOTT
Print Name SCOTT BACCHER
Phone No. _____
Truck No. 911

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079NORM 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 BOTTOMS

1st Gauge _____ Feet _____ Inches
2nd Gauge _____
Received _____

BS&W/BLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED ☐ DENIED ☐ If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name: PETE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 588889

Operator No. _____
Operators Name Mojo Oil & Gas
Address 1001 W. WILSHIRE BLV
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Boonch Ec. 0409 214 H
County EDDY
API No. 30-015-46608
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Kodiak
Address Carlsbad
Phone No. 305-618-1403

Driver's Name Erica Gonzalez
Print Name _____
Phone No. 305-618-1403
Truck No. 18

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Halfway Facility / NM1-006
Permit No. _____
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (431) 215-3432**GENERATOR**NO. **588872**

Operator No. _____
 Operators Name Novo Oil & Gas
 Address 1001 W. WILSHIRE BLVD
SUITE 206
OKLAHOMA CITY, OK 73116
 City, State, Zip _____
 Phone No. _____

Permit/RRC No. _____
 Lease/Well _____
 Name & No. Goodwin Fc. 0409 214 H
 County EDDY
30-015-46609
 API No. _____
 Rig Name & No. _____
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME PETE TRUJILLODATE 09.26.23SIGNATURE [Signature]**TRANSPORTER**

Transporter's Name KODIAK
 Address CHRISTIAN
 Phone No. _____

Driver's Name Rosel FRANCO
 Print Name _____
 Phone No. 986 953 7841
 Truck No. 93

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 09/26/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 09/26/23DRIVER'S SIGNATURE [Signature]**TRUCK TIME STAMP**

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. [Signature]

Site Name/Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature]DATE 09/26/23TITLE [Signature]SIGNATURE [Signature]

Name PEETE
Phone No. 4321 215 5452

GENERATOR		NO.
Operator No.		
Operators Name	<u>Novo Oil & Gas</u>	
Address	<u>1001 W. WILSHIRE BLVD</u> <u>SUITE 206</u>	
City, State, Zip	<u>OKLAHOMA CITY, OK 73116</u>	
Phone No.	<u>405 286 4391</u>	
Permit/RRC No.		
Lease/Well		
Name & No.		<u>60024 FC 0409 214 H</u>
County		<u>EDDY</u>
API No.		<u>30-015 46608</u>
Rig Name & No.		
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
Oil Based Cuttings		Washout Water (Non-Injectable)
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)
Water Based Cuttings		Produced Water (Non-Injectable)
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)
Tank Bottoms		INTERNAL USE ONLY
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)
Gas Plant Waste		
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: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> 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	<u>18</u>	B - BARRELS	L - LIQUID
			<u>Y - YARDS</u>
			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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PEETE TRUJILLO
(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER	
Transporter's Name	<u>KODIAK</u>
Address	<u>CARLSBAD</u>
Phone No.	<u>575 200 2051</u>
Driver's Name	<u>LAZARO LONADO</u>
Print Name	
Phone No.	<u>575 200 2051</u>
Truck No.	<u>00</u>

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
<u>09/25/23</u>	<u>[Signature]</u>	<u>09/25/23</u>	<u>[Signature]</u>

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: _____ OUT: _____		Name/No. <u>50137</u>

Site Name/	Halfway Facility / NM1-006	Phone No.	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	

TANK BOTTOMS			
Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 588867

Operator No. _____
Operators Name Noro Oil & Gas
Address 1001 W. WILSHIRE BLVD.
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. 405-286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. GOUNCH TC 0409 214 H
County EDDY
API No. 30-015-46608
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Carlsbad
Address 505 608 0100
Phone No. 505 608 0100

Driver's Name Robert Gonzalez
Print Name _____
Phone No. 505 608 6705
Truck No. 08

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Halfway Facility / NM1-006
Permit No. _____
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED 4/25/2023 DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 588864

Operator No. _____
Operators Name Moro Oil & Gas
Address 1001 W WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. 405-286-4391

Permit/RRC No. _____
Lease/Well Name & No. Goodrich Fr. 0409 214 H
County Emery
API No. 30-015-46608
Rig Name & No. N/A
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name RODIAK
Address CARLSBAD
Phone No. _____

Driver's Name LORENZO
Print Name LORENZO
Phone No. 505-200-2051
Truck No. 04/25/23

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 50131

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information

(PLEASE PRINT)

Name PETE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 631639

Operator No. _____
Operators Name NOVA OIL & GAS
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well Name & No. Goodrich FC 0409 214 H
County EDDY
API No. 30-015-46084
Rig Name & No. N/A
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
(PRINT) AUTHORIZED AGENTS NAMEDATE 05-17-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK
Address CARLSBAD
Phone No. _____

Driver's Name ROBERT S. K. 2
Print Name 486803 1667
Phone No. _____
Truck No. 91

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 5-17-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 5-17-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 50151

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

1st Gauge	Feet	Inches
2nd Gauge		
Received		

BS&W/BLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature]DATE 5/17TITLE [Signature]SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLO

Phone No. 4321 215-5452

GENERATOR

NO. 631638

Operator No.

Permit/RRC No.

Operators Name MOYO OIL GAS

Lease/Well

GOONCH FC 0409 214 H

Address 1001 W WILSHIRE BLVD

Name & No.

County

EDDY

City, State, Zip OKLAHOMA CITY OK 73116

API No.

30-015-46084

Phone No. (405) 286-4391

Rig Name & No.

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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KODIAK

Driver's Name

Address CARLSBAD

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: OUT:

Name/No. 10

Site Name/ Halfway Facility / NM1-006

Phone No. 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

TANK BOTTOMS

1st Gauge	Feet	Inches
2nd Gauge		
Received		

BS&W/BBLS Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

Name Pete TrevillePhone No. (405) 215-4552

GENERATOR

NO. 631637

Operator No. _____
Operators Name Havo Gas & Oil
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 266-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Boonch Fr 0409 214 H
County EDDY
API No. 30-015-46084
Rig Name & No. _____
AFE/PO No. N/A

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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME Pete TrevilleDATE 05-17-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK
Address CARLSBAD
Phone No. _____

Driver's Name ANZARO LOREDO
Print Name _____
Phone No. 575 200 2091
Truck No. 60

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 05/17/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 05/17/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 50151

Site Name/ _____
Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED NO DENIED If denied, why? _____NAME (PRINT) [Signature]DATE 5/17TITLE [Signature]SIGNATURE [Signature]

Operator No. _____

Operators Name MOVO OIL & GAS

Address 1001 W. WILSHIRE BLVD
SUITE 206

City, State, Zip OKLAHOMA CITY - OK 73116

Phone No. (405) 286-4391

Permit/RRC No. _____

Lease/Well Name & No. Goodrich Fr. 0409 214 H

County LOGGY

API No. 30 - 015 - 46084

Rig Name & No. _____

AFE/PO No. _____

NO. 631641

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	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	INTERNAL USE ONLY	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 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 18 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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO (PRINT) AUTHORIZED AGENTS NAME 05-17-23 DATE [Signature] SIGNATURE

TRANSPORTER

Transporter's Name [Signature]

Address _____

Phone No. 505-17-22

Driver's Name ALBERT S. [Signature]

Print Name ALBERT S. [Signature]

Phone No. 911

Truck No. 17-22

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 IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No. 10

Site Name/Permit No. Halfway Facility / NM1-006

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

(PLEASE PRINT)

Name PETE TRUJILLOPhone No. (432) 215-5450

GENERATOR

NO. 631642

Operator No. _____
Operators Name MOJO OIL & GAS
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. GOONCH FC 0409 21011
County ADAY
API No. 30-015-46084
Rig Name & No. _____
AFE/PO No. N/A

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name WADIAK Driver's Name ROSEL FRANCE
Address 90215 BAD Print Name _____
Phone No. _____ Phone No. 7869539891
Truck No. 97

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: _____ OUT: _____

Name/No. 78

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

Generator Information

Operator No. _____

Operators Name Major Oil & Gas

Address 1001 W. WILSHIRE BLVD
SUITE 206

City, State, Zip OKLAHOMA CITY, OK 73116

Phone No. (405) 286-4391

Permit/RRC No. _____

Lease/Well Name & No. Goodrich 0409 214 H

County ADDY

API No. 30-015-46084

Rig Name & No. _____

AFE/PO No. N/A

NO. 631627

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	_____	_____
Oil Based Cuttings	_____	_____
Water Based Muds	_____	_____
Water Based Cuttings	_____	_____
Produced Formation Solids	_____	_____
Tank Bottoms	_____	_____
E&P Contaminated Soil	<u>X</u>	_____
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 18 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 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)

☐ 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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRIVILLIO (PRINT) AUTHORIZED AGENT'S NAME 05-10-23 DATE [Signature] SIGNATURE

Transporter Information

Transporter's Name KODIAK

Address CARLSBAD

Phone No. 575 200 2051

Driver's Name Lazaro Lopez

Print Name _____

Phone No. 575 200 2051

Truck No. 60

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.

05/10/23 SHIPMENT DATE [Signature] DRIVER'S SIGNATURE 05/12/23 DELIVERY DATE [Signature] DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

Site Name/ Permit No. Halfway Facility / NM1-006

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge	_____	_____	_____
2nd Gauge	_____	Free Water	_____
Received	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

[Signature] NAME (PRINT) 05/17 DATE [Signature] TITLE [Signature] SIGNATURE

GENERATOR		NO. 631625
Operator No.		Permit/RRC No.
Operators Name	NEW OIL & GAS	Lease/Well
Address	1001 W. WISHIKE BLVD SUITE 206	Name & No.
City, State, Zip	OKLAHOMA CITY OK 73116	County
Phone No.	(405) 286-4391	API No.
		Rig Name & No.
		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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

Pete Trujillo 05-16-23
(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER	
Transporter's Name	Driver's 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.

05/16/23 05/16/23
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:		Name/No. 10

Site Name/	Halfway Facility / NM1-006	Phone No.	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

TANK BOTTOMS			
Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE



(PLEASE PRINT)

Name PETE TRULLOPhone No. (432) 215-5452

GENERATOR

NO. 631643

Generator No. _____
Generators Name Novo Oil 3 Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. _____

Permit/RRC No. _____
Lease/Well Name & No. BOONCH 0409 214 H
County EDDY
API No. 30-015-46084
Rig Name & No. _____
AFE/PO No. 217

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Based Muds	_____	NON-INJECTABLE WATERS	_____	INJECTABLE WATERS	_____
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)	_____
Slack Bottoms	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
Oil Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
Oil 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRULLO
(PRINT) AUTHORIZED AGENTS NAME

DATE 05-17-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK Driver's Name [Signature]
Address WILSHIRE Print Name 75083164
Phone No. _____ Truck No. 91

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 5-17-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 5-17-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: _____ OUT: _____

Name/No. 78

Facility Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

Feet	Inches	BS&W/BBLS Received	BS&W (%)
		Free Water	
		Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) [Signature] DATE 5/17 TITLE [Signature] SIGNATURE [Signature]

GENERATOR

NO.

631626

Operator No. _____
Operators Name Novo Oil & Gas
Address 1001 W. WILSHIRE BLVD
Suite 306
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 386-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Boonch 0409-214-11
County EDDY
API No. 30-015-46084
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KADIAN
Address CHANDLER
Phone No. _____

Driver's Name BAF TEL SUKHER
Print Name 7563031667
Phone No. _____
Truck No. 91

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 16

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

Feet Inches
1st Gauge _____
2nd Gauge _____
Received _____

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name Pete TrujilloPhone No. 432-215-5452

GENERATOR

NO. 588886

Operator No. _____
Operators Name New oil & gas
Address 1001 W. Wilshire Blvd
Suite 206
City, State, Zip Oklahoma City, OK 73116
Phone No. 405-286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Goorch, LC 0409 214H
County S.D.
API No. 30-015-46608
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable) _____	Washout Water (Injectable) _____
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable) _____	Completion Fluid/Flow back (Injectable) _____
Water Based Muds	Produced Water (Non-Injectable) _____	Produced Water (Injectable) _____
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable) _____	Gathering Line Water/Waste (Injectable) _____
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste) _____	
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME Pete TrujilloDATE 9-20-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK
Address CHIEF RD
Phone No. _____

Driver's Name RAFAEL SANCHEZ
Print Name 760-33004
Phone No. _____
Truck No. 91

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 9-2-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 9-2-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? [Signature]NAME (PRINT) [Signature]DATE [Signature]TITLE [Signature]SIGNATURE [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name Pete TrujilloPhone No. (432) 215-5452**GENERATOR**NO. 631629

Operator No. _____
 Operators Name Novo Oil & Gas
 Address 1001 W. WILSHIRE BLVD
SUITE 206
 City, State, Zip OKLAHOMA CITY OK 73116
 Phone No. (405) 286 4391

Permit/RRC No. _____
 Lease/Well _____
 Name & No. Boonch FC 0409 214 H
 County EDDY
 API No. 30-015-46089
 Rig Name & No. _____
 AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
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 18 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 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)
- ☒ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KADIAK Driver's Name DAVID S. HARRIS
 Address CHANDLER Print Name DAVID S. HARRIS
 Phone No. _____ Phone No. 915-316-1667
 Truck No. 91

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: _____ OUT: _____ Name/No. 28

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 NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
 PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST
(PLEASE PRINT)

Company Man Contact Information

Name: ROTE TRUJILLO
Phone No. (432) 315-5452

GENERATOR

NO. 631624Operator No. _____
Operators Name NOVO OIL & GAS
Address 1001 W. WILSHIRE BLV.
SUITE 206
City, State, Zip OKLAHOMA CITY - OK 73106
Phone No. (405) 286-4391Permit/RRC No. _____
Lease/Well Name & No. Boonchi Fr 0409 214 H
County EMERY
API No. 30-015-46084
Rig Name & No. _____
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME ROTE TRUJILLODATE 05-16-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK
Address CHASBRO
Phone No. _____Driver's Name ADRIAN SUMER
Print Name ADRIAN SUMER
Phone No. 505-503-1667
Truck No. 91

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 5-16-23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 5-16-23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 10Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-393-1079NORM 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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) [Signature]DATE 5-16-23TITLE [Signature]SIGNATURE [Signature]

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT)

Name PETE TRUJILLOPhone No. (432) 215-5452

GENERATOR

NO. 631622

Operator No. _____
Operators Name MOJO OIL & GAS
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY, OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. BOONCH FC 0409 214 H
County CONY
API No. 30-015-46084
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME PETE TRUJILLODATE 05-16-23SIGNATURE [Signature]

TRANSPORTER

Transporter's Name KODIAK
Address CADISBAY
Phone No. _____

Driver's Name FRANCO
Print Name _____
Phone No. 60
Truck No. 2869539841

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 05/16/23DRIVER'S SIGNATURE [Signature]DELIVERY DATE 05/16/23DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. [Signature]

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED ☒ DENIED ☐ If denied, why? _____NAME (PRINT) [Signature]DATE 05/16/23TITLE [Signature]SIGNATURE [Signature]

Generator Name: NOVO OIL & GAS
Address: 1001 W. WILSHIRE BLVD
206 SUITE
City, State, Zip: OKLAHOMA CITY, OK 73116
Phone No.: (405) 286-4391

Generator NO.: 631648

Permit/RRC No. 60014 FC-0409 214H
Lease/Well Name & No. 60014 FC-0409 214H
County EDMON
API No. 30-015-46084
Rig Name & No.
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME PETE TREVINO DATE 09-23-23 SIGNATURE [Signature]

Transporter's Name [Signature] Driver's Name [Signature]
Address [Signature] Print Name [Signature]
Phone No. [Signature] Truck No. [Signature]

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 IN: OUT: DISPOSAL FACILITY RECEIVING AREA 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 NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge		Free Water	
2nd Gauge		Total Received	
Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE

GENERATOR

NO. 631646

Operator No. _____
Operators Name Have oil and Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. Goodrich 0409 214 H
County FOOTY
API No. 30 - 015 - 46084
Rig Name & No. _____
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	_____	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	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME PETE TRUJILLODATE 05-23-23SIGNATURE PETE TRUJILLO

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____

Driver's Name R. Lopez
Print Name _____
Phone No. _____
Truck No. 91

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

Feet	Inches
1st Gauge	_____
2nd Gauge	_____
Received	_____

BS&W/BBLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____

GENERATOR

NO. 631647

Operator No. _____
Operators Name Moro Oil & Gas
Address 1001 W. WILSHIRE BLVD
206 SUITE
City, State, Zip OKLAHOMA CITY - OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. BOONCH FC 0409 214 H
County EDDY
API No. 30-015-46084
Rig Name & No. _____
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name KODIA K
Address CARLSBAD
Phone No. _____

Driver's Name PAUL FRANK
Print Name _____
Phone No. 786 953 9841
Truck No. 33

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 6

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches
2nd Gauge		
Received		

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? 6-11-23

NAME (PRINT)

DATE

TITLE

SIGNATURE

GENERATOR

NO. 631649

Operator No. _____
 Operators Name Novo Oil & Gas
 Address 1001 W. WILSHIRE BLVD
206 SUITE
 City, State, Zip OKLAHOMA CITY, OK 73116
 Phone No. (406) 286-4391

Permit/RRC No. _____
 Lease/Well Name & No. 640N/14 TC. 0409 214 H
 County EDMUND
 API No. 30-015-46084
 Rig Name & No. _____
 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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO
 (PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Rockwell Environmental Services
 Address 4116 Carlson CT, Carlsbad, NM 88220
 Phone No. 575-393-1352

Driver's Name Rolando Lopez
 Print Name _____
 Phone No. _____
 Truck No. 91

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Permit No. Halfway Facility / NM1-006
 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

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 BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

GENERATOR

NO. 631620

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. _____

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	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	INTERNAL USE ONLY	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 Amount

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 _____

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)

- ☐ 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)
- ☐ 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 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name _____
Address _____
Phone No. _____

Driver's Name _____
Print Name _____
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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
IF YES, was reading > 50 micro roentgens? (circle one) YES NO
PASSED THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

GENERATOR		NO. 631645
Operator No. _____	Permit/RRC No. _____	Name PETE TRUJILLO
Operators Name Hovon Oil 3-Ens	Lease/Well Name & No. 600CH FC 0409 214 H	Phone No. (432) 215-5457
Address 1001 W. WILSHIRE BLVD SUITE 206	County EDDY	
City, State, Zip OKLAHOMA CITY - OK 73116	API No. 30-015-46084	
Phone No. (405) 286-4341	Rig Name & No. _____	
	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 _____	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 _____	INTERNAL USE ONLY _____	OTHER EXEMPT WASTES (type and generation process of the waste) _____
E&P Contaminated Soil X	Truck Washout (exempt waste) _____	
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 18	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 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)

☐ **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 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-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ **EMERGENCY NON-OILFIELD:** Emergency non-hazardous, non-oilfield 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)

PETE TRUJILLO **05-23-23** _____
(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER	
Transporter's Name Kwik-Kwik	Driver's Name Enrique Gonzalez
Address Carlsbad	Print Name _____
Phone No. _____	Phone No. 505-105-6207
	Truck No. 08

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: _____ OUT: _____		Name/No. 8

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 NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS			
Feet	Inches	BS&W/BLS Received	BS&W (%)
1st Gauge _____	_____	Free Water _____	_____
2nd Gauge _____	_____	Total Received _____	_____
Received _____	_____		

I hereby certify that the above load material has been (circle one): **ACCEPTED** **DENIED** If denied, why? _____

NAME (PRINT) **Enrique Gonzalez** DATE **9-21-23** TITLE **Driver** SIGNATURE _____



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name PETE TRUJILLOPhone No. 4321 215-0152

GENERATOR

NO. 631644

Operator No. _____
Operators Name Novo oil & Gas
Address 1001 W. WILSHIRE BLVD
SUITE 206
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 286-4391

Permit/RRC No. _____
Lease/Well _____
Name & No. GONCH FC 0409 214 H
County EDDY
API No. 30-015-46084
Rig Name & No. _____
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Truillo
Address Truillo
Phone No. Truillo

Driver's Name Truillo
Print Name Truillo
Phone No. Truillo
Truck No. Truillo

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: _____ OUT: _____

Name/No. 8

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

ENVIRONMENTAL
SOLUTIONSName Pete Jensen
Phone No. (432) 215 3452

GENERATOR

NO. 631650Operator No. _____
Operators Name Mayo Oil & Gas
Address 1001 W. WILSHIRE BLVD
306 SUITE
City, State, Zip OKLAHOMA CITY OK 73116
Phone No. (405) 286-4391Permit/RRC No. _____
Lease/Well _____
Name & No. Boonch FC 0409 214 11
County INDY
API No. 30-015-4684
Rig Name & No. _____
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	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	INTERNAL USE ONLY	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 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 18 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 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)
- ☐ 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 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-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield 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)

(PRINT) AUTHORIZED AGENT'S NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's
Name Boonch FC Oil Field Services
Address _____
Phone No. 575-706-1720Driver's Name Richard
Print Name _____
Phone No. _____
Truck No. 41

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

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/
Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-393-1079NORM 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 BOTTOMS

Feet	Inches
1st Gauge	
2nd Gauge	
Received	

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

**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



Table of Contents

LIST OF FIGURES	II
LIST OF TABLES.....	II
LIST OF APPENDICES.....	II
ACRONYMS AND ABBREVIATIONS.....	II
1.0 INTRODUCTION	1
1.1 RELEASE DETAILS AND INITIAL RESPONSE	1
1.2 NOTIFICATION	1
1.3 PROJECT OBJECTIVES	1
1.4 REGULATORY FRAMEWORK	1
2.0 STANDARD OF CARE, LIMITATIONS, & RELIANCE.....	2
2.1 STANDARD OF CARE	2
2.2 ADDITIONAL LIMITATIONS	2
3.0 RECEPTOR AND WATER SOURCES SURVEY	2
3.1 WELLHEAD PROTECTION DISCUSSION.....	2
3.2 SIGNIFICANT WATER SOURCE DISCUSSION	2
3.3 DETERMINATION OF DEPTH TO GROUNDWATER.....	3
4.0 REMEDIATION.....	3
4.1 CONFIRMATION SOIL SAMPLING AND ANALYSIS PLAN.....	3
4.2 SOIL REMEDIATION ACTIVITIES	4
4.3 WASTE MANAGEMENT.....	5
5.0 DATA RESULTS & EVALUATION.....	5
5.1 CONFIRMATION SOIL SAMPLING RESULTS.....	5
5.2 FINAL DATA EVALUATION.....	6
6.0 RESTORATION, RECLAMATION & RE-VEGETATION.....	6
6.1 RESTORATION AND RECLAMATION ACTIVITIES.....	6
7.0 CONCLUSIONS	7

LIST OF FIGURES

Figure 1	Topographic Map
Figure 2	Site Location Map
Figure 3	Site Plan & Sample Location Map

LIST OF TABLES

Table 1	Analytical Data Summary – Post Excavation Soil Samples (mg/kg)
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LIST OF APPENDICES

Appendix A	Notification and Agency Correspondence
Appendix B	Soil Boring Log SB-1
Appendix C	Photographic Documentation
Appendix D	Field Documentation
Appendix E	Waste Management Documentation
Appendix F	Laboratory Analytical Data Reports

ACRONYMS AND ABBREVIATIONS

Altamira	Altamira-US, LLC
Novo	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.

Release Response Action Completion & Closure Report
Novo Oil & Gas – Goonch Fed Com 0409-214H Release
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.

Release Response Action Completion & Closure Report
Novo Oil & Gas – Goonch Fed Com 0409-214H Release
Discovery Date: March 18, 2023

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-Cl-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 1 – 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 1 - 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.

Release Response Action Completion & Closure Report
Novo Oil & Gas – Goonch Fed Com 0409-214H Release
Discovery Date: March 18, 2023

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:

Species

	<u>lb/acre</u>
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	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.

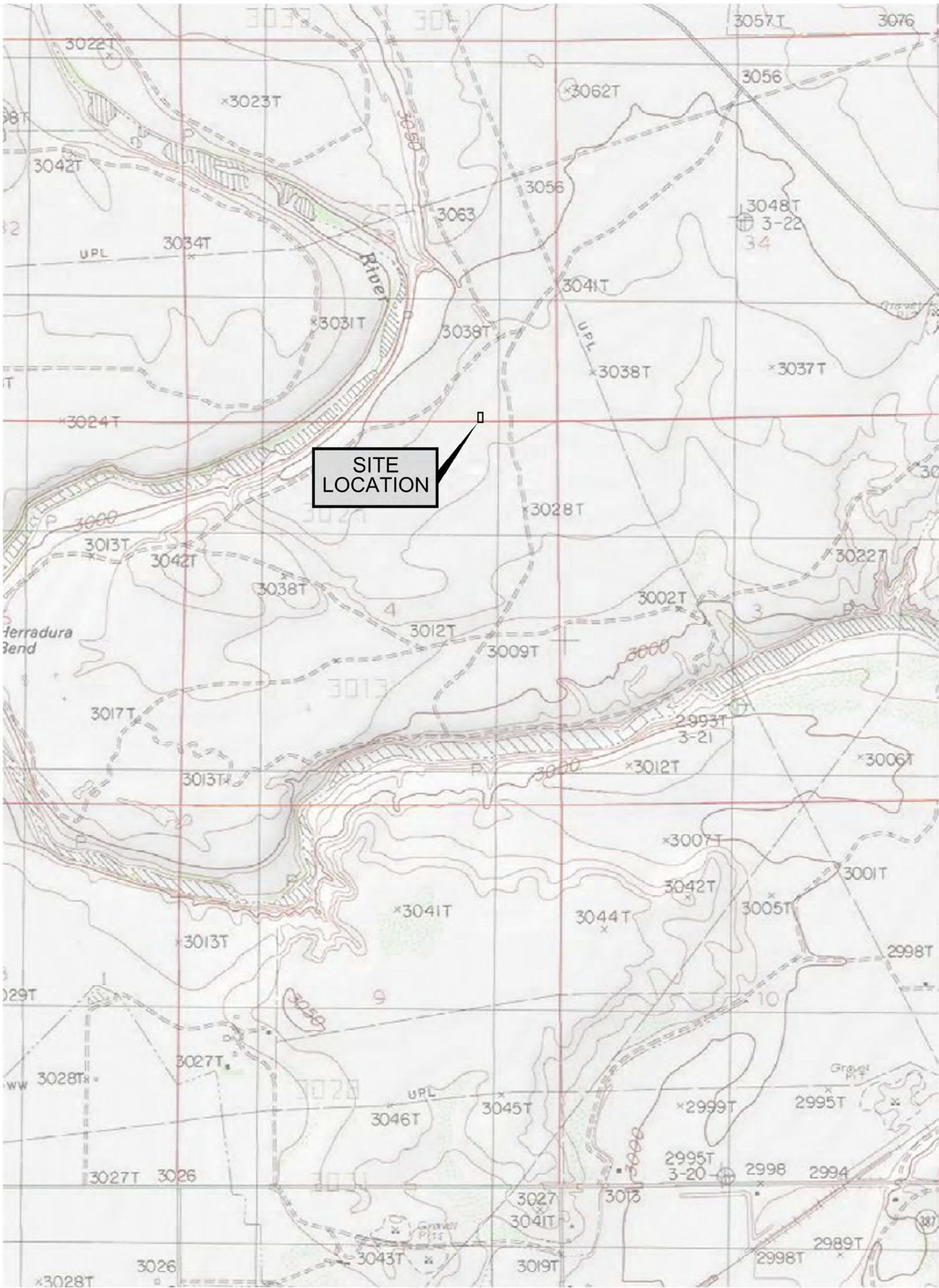
Analytical data results for post excavation confirmation soil validate the completion of affected soil removal from the release area.

- 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) LYR:(Opt)ON=":OFF="REF"
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NOT TO SCALE

NOVO OIL & GAS
GOONCH FED COM 0409-214H
FLOWLINE RELEASE
INCIDENT ID: nAPP2307966624

TOPOGRAPHIC MAP



FIGURE

1

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(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



NOT TO SCALE

NOVO OIL & GAS
GOONCH FED COM 0409-214H
FLOWLINE RELEASE
INCIDENT ID: nAPP2307966624

SITE LOCATION MAP



ALTAMIRA

FIGURE

2

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(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 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

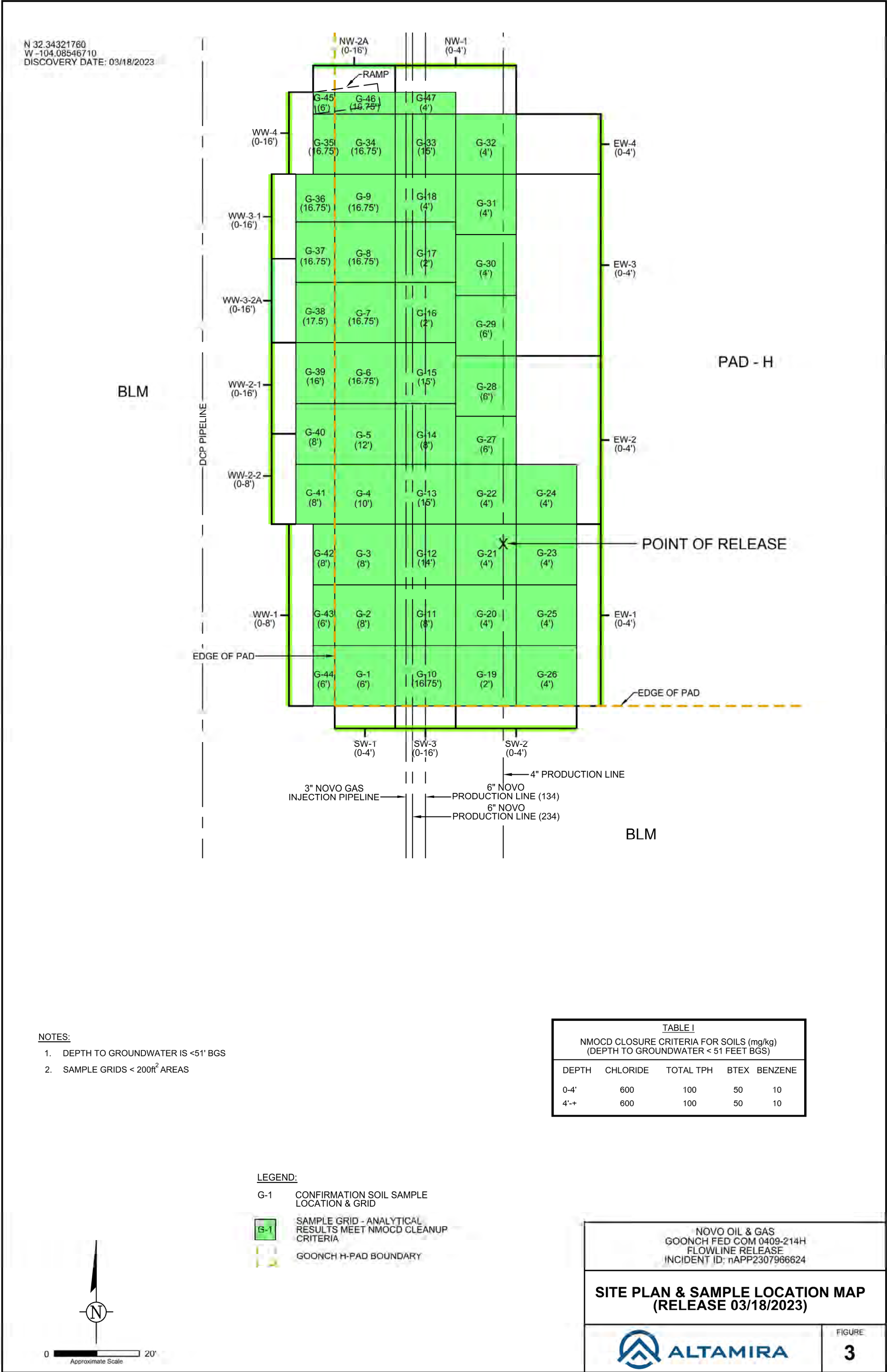




TABLE 1
Analytical Data Results Summary – Post Excavation Soil Samples (mg/kg)

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 Method		Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
Table 1 - Closure Criteria (0-4')		600	50	10	-	-	-	100
Sample ID	Sample Date							
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
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
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	-	-	-	-	-	-

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 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 Criteria (0-4')		600	50	10	-	-	-	100
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	-	-	-	-	-	-
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	-	-	-	-	-	-
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 (96-99")	5/23/2023	7,600	-	-	95.8	754	33.9	883.7
G-10 (120-123")	5/26/2023	2,960	-	-	<10	20.5	<10	20.5

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 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 Criteria (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	-	-	-	-	-	-
G-10 (201-204")	7/27/2023	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 (48-51")	5/2/2023	4,640	-	-	12.2	1520	103	1635.2
G-12 (72-75")	5/15/2023	10,600	-	-	<10	422	29.1	451.1
G-12 (96-99")	5/23/2023	6,800	-	-	38.7	387	10.6	436.3
G-12 (120-123")	5/26/2023	1,960	-	-	<10	37.3	<10	37.3
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 (168-171")	6/13/2023	27,600	-	-	<10	116	<10	116
G-13 (177-180")	7/27/2023	272	-	-	<10	<10	<10	<10
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	-	-	-	-	-	-

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 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 Criteria (0-4')		600	50	10	-	-	-	100
Sample ID	Sample Date							
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 (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
G-25 (48-51")	5/2/2023	448	<0.30	<0.05	<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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Novo Oil Gas - Goonch Fed Com 0409-214H Flow Line Release
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Near Loving, Eddy County, New Mexico

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 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
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	-	-	-	-	-	-
G-34 (48-51")	5/2/2023	1,540	<0.30	<0.05	<10.0	389	33	422
G-34 (72-75")	5/15/2023	6,200	-	-	42.2	1240	58.8	1341
G-34 (96-99")	5/23/2023	6,800	-	-	79.2	1710	96.3	1885.5
G-34 (120-123")	5/26/2023	1,150	-	-	<10	35.9	<10	35.9
G-34 (144-147")	6/2/2023	6,640	-	-	-	-	-	-
G-34 (168-171")	6/9/2023	1,220	-	-	-	-	-	-
G-34 (192-195")	6/15/2023	4,040	-	-	-	-	-	-
G-34 (201-204")	7/27/2023	160	-	-	-	-	-	-
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		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 Criteria (0-4')		600	50	10	-	-	-	100
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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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 Criteria (0-4')		600	50	10	-	-	-	100
Sample ID	Sample Date							
G-39 (15.5-16')	7/25/2023	128	-	-	-	-	-	-
G-40 (48-51")	5/2/2023	21,400	<0.30	<0.05	<10.0	386	52.8	438.8
G-40 (72-75")	5/15/2023	2,800	-	-	39.6	914	58.8	1012.4
G-40 (96-99")	5/23/2023	480	-	-	<10.0	<10	<10	<10
G-41 (48-51")	5/2/2023	3,200	<0.30	<0.05	<10.0	479	38.3	517.3
G-41 (72-75")	5/15/2023	1,520	-	-	<10.0	264	15.9	279.9
G-41 (96-99")	5/23/2023	480	-	-	<10.0	<10	<10	<10
G-42 (48-51")	5/2/2023	1,440	<0.30	<0.05	<10.0	553	45.4	598.4
G-42 (72-75")	5/15/2023	832	-	-	<10.0	144	<10.0	144
G-42 (96-99")	5/23/2023	48	-	-	<10.0	<10	<10	<10
G-43 (48-51")	5/2/2023	464	<0.30	<0.05	<10.0	209	17.4	226.4
G-43 (72-75")	5/15/2023	-	-	-	<10.0	71	<10.0	71
G-44 (48-51")	5/2/2023	496	<0.30	<0.05	<10.0	165	19.2	184.2
G-44 (72-75")	5/15/2023	-	-	-	<10.0	65.2	<10.0	65.2
G-45 (48-51")	5/2/2023	1,150	<0.30	<0.05	<10.0	227	26.9	253.9
G-45 (72-75")	5/15/2023	592	-	-	<10.0	52.3	<10.0	52.3
G-46 (48-51")	5/2/2023	656	<0.30	<0.05	<10.0	146	14.3	160.3
G-46 (72-75")	5/15/2023	1,540	-	-	<10.0	267	16.3	283.3
G-46 (96-99")	5/23/2023	1,870	-	-	<10.0	130	<10	130
G-46 (120-123")	5/26/2023	1,280	-	-	<10	36	<10	36
G-46 (144-147")	6/2/2023	8,080	-	-	-	-	-	-
G-46 (168-171")	6/9/2023	1,650	-	-	-	-	-	-
G-46 (192-195")	6/15/2023	2,000	-	-	-	-	-	-
G-46 (201-204")	7/27/2023	560	-	-	-	-	-	-
G-47 (48-51")	5/2/2023	320	<0.30	<0.05	<10.0	95.7	<10	95.7

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 Method		Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
Table 1 - Closure Criteria (0-4')		600	50	10	-	-	-	100
Sample ID	Sample Date							
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
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
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

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)	TPH
Method		4500-Cl-B	8021B	8021B	8015M	8015M	8015M	8015M
Table I - Closure Criteria (0-4')		600	50	10	-	-	-	100
Sample ID	Sample Date							
NW-1 (0-4')	5/3/2023	352	<0.30	<0.05	<10	<10	<10	<10
NW-2 (0-16')	6/15/2023	1,220	<0.30	<0.05	<10	<10	<10	<10
NW-2A (0-16')	6/28/2023	128	-	-	-	-	-	-

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



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

District I
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

Release Notification

Responsible Party

Responsible Party: Novo Oil & Gas Northern Delaware, LLC	OGRID: 372920
Contact Name: Kurt A. Shipley	Contact Telephone: 405-286-3916
Contact email: kshipley@novooog.com	Incident # (assigned by OCD): nAPP2307966624
Contact mailing address: 1001 West Wilshire Blvd., Suite 206 Oklahoma City, OK 73116	

Location of Release Source

Latitude 32.34321760 Longitude -104.08546710
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Goonch Fed Com 0409-214H	Site Type: Open Area between CTB and wellhead
Date Release Discovered: 03/18/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	33	T22S	R28E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls): Estimated 2	Volume Recovered (bbls): Estimated 1
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): Estimated 3	Volume Recovered (bbls): Estimated 2
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of 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.

Volume of the release was estimated based on approximate dimensions of the release area (approximately 50' x 10' and irregular shaped).


Oil Conservation Division

Incident ID	nAPP2307966624
District RP	
Facility ID	
Application ID	199006

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Released volume does not exceed 25 bbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 03/20/2023 – Bryan Haney conducted NMOCD online notification to obtain incident ID 03/20/2023 – Bryan Haney provided email notification to NMOCD - Mike Bratcher and Robert Hamlet 03/20/2023 – Bryan Haney provided email notification to BLM - Crisha	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: All initial response actions above have been completed. Remediation efforts (excavated affected soil) will be confirmed with sampling.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Kurt A. Shipley</u>	Title: <u>Chief Operating Officer</u>
Signature: 	Date: <u>March 21, 2023</u>
email: <u>kshipley@novoog.com</u>	Telephone: <u>405-286-3916</u>
<u>OCD Only</u> Received by: _____ Date: _____	

From: [Bryan Haney](#)
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: [image001.png](#)
[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

altamira-us.com





United States Department of Interior
Bureau of Land Management
Major Undesirable Event Report

Report Type: Initial 24-Hour <input type="checkbox"/> 15-Day/Final <input checked="" type="checkbox"/> Other/Follow-up <input type="checkbox"/>					
BLM Field Office: Carlsbad, NM			State: New Mexico		
BLM Contact: Crisha Morgan			Date of this Report: 03/20/2023		
Company Official Reporting to BLM: Kurt Shipley (Novo) and Bryan Haney (Altamira)					
Operator: Novo Oil & Gas Northern Delaware, LLC					
Date/Time of Occurrence: 03/18/2023 at 5:00 pm			Date/Time BLM Notified: 03/20/2023		
Field/Unit Name: M			Lease Number:		
State: NM	County: Eddy	Twp: T22S	Rng: R28E	Sec: 33	Qtr:
Latitude/ Longitude: 32.34321760, -104.08546710					
Surface Ownership: BLM/Private		Federal: <input checked="" type="checkbox"/>	Indian: <input type="checkbox"/>	State: <input type="checkbox"/>	FEE <input type="checkbox"/>
Type and Relevant Details of Event					
Oil Spill <input type="checkbox"/>	Oil/Water Spill <input checked="" type="checkbox"/>	Gas Venting <input type="checkbox"/>	Toxic Fluid Spill <input type="checkbox"/>		
Saltwater Spill <input type="checkbox"/>	Other Spill (Specific) <input type="checkbox"/>	Blowout <input type="checkbox"/>	Fire <input type="checkbox"/>		
Injury <input type="checkbox"/>	Fatality <input type="checkbox"/>	Property Damage <input type="checkbox"/>	Explosion <input type="checkbox"/>		
Nature and Cause of Event: Minor release approximately 5 bbl of oil and water mixture. Release occurred between the Novo Goonch Fed Com 0409-214H Central Tank Battery (CTB) and well head as a results of a flow line release.					
Environmental Impact: Surface soil in area approximately 50 feet by 10 feet in irregular shape.					
Time Required to Control Event (Hours):		Approximately 1 hour			
Volume Discharged or Consumed:		Oil: <u>2</u> bbls	Water: <u>3</u> bbls	Gas: ____ mcf	
Volumes Recovered:		Oil: <u>1</u> bbls	Water: <u>2</u> bbls		
Net Volume Lost:		Oil: <u>1</u> bbls	Water: <u>1</u> bbls	Gas: ____ mcf	
Action Taken to Control Event: Shut down flow to flow line to repair.					
Resulting Damage: minor surface staining					
Clean-Up Procedures: Use of vacuum truck and soil excavation machinery to remove standing liquids and affected soil.					
Cause/Extent of Personal Injury: None					
Actions the operator has taken or will take to prevent a recurrence of the incident: Pipe flow line was shut in to stop flow and repaired.					
Agency Notification List: (Federal/ State/ Local):	Agency Name	Contact Name	Date/Time		
	NMOCD	Mike Bratcher (email)	03/20/2023 at 8:15pm		
	BLM	Crisha Morgan (email)	03/20/2023 at 8.15pm		

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: [Hamlet, Robert, EMNRD](#)
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: [image003.png](#)

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 <Bryan.Haney@altamira-us.com>
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

altamira-us.com



From: [Bryan Haney](#)
To: [Hamlet, Robert, EMNRD](#); [Bratcher, Michael, EMNRD](#); [Morgan, Crisha A](#); BLM_NM_CFO_Spill@blm.gov
Cc: [Dara Tatum](#)
Subject: 48-HOUR NOTIFICATION OF SOIL SAMPLING - nAPP2307966624 - Novo Goonch Fed Com 0409-214H
Date: Friday, March 31, 2023 11:50:00 AM
Attachments: [image001.png](#)

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

altamira-us.com



From: [Bryan Haney](#)
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: [image001.png](#)

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

altamira-us.com



From: [Bryan Haney](#)
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: [image001.png](#)

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

altamira-us.com



From: [Hamlet, Robert, EMNRD](#)
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: [image003.png](#)

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



From: [Bryan Haney](#)
To: [Hamlet, Robert, EMNRD](#); [Bratcher, Michael, EMNRD](#); [Morgan, Crisha A](#)
Cc: [Kurt Shipley](#); [Dara Tatum](#)
Subject: nAPP2307966624 - Novo Goonch Fed Com 0409-214H - REQUEST FOR TECHNICAL VARIANCE
Date: Friday, July 21, 2023 12:26:00 PM
Attachments: [Table 1 - Analytical 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 are 5-6 underground pipelines within this area that 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

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 dealt 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

From: [Bryan Haney](#)
To: [Hamlet, Robert, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Cc: [Kurt Shipley](#); [Dara Tatum](#)
Subject: nAPP2307966624 -Novo Goonch Fed Com 0409-214H - REQUEST FOR TIME EXTENSION
Date: Friday, June 9, 2023 9:47:00 AM
Attachments: [image001.png](#)

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



From: [Hamlet, Robert, EMNRD](#)
To: [Bryan Haney](#); [Bratcher, Michael, EMNRD](#); [Morgan, Crisha A](#)
Cc: [Kurt Shipley](#); [Dara Tatum](#)
Subject: RE: [EXTERNAL] nAPP2307966624 - Novo Goonch Fed Com 0409-214H - REQUEST FOR TECHNICAL VARIANCE
Date: Monday, July 24, 2023 10:08:16 AM
Attachments: [image003.png](#)

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;
- 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 are 5-6 underground pipelines within this area that 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










altamira-us.com





APPENDIX B
Soil Boring Log SB-1

BORING RECORD										SB-1	
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	SAMPLE				REMARKS		
					NUMBER	OWN READING	RECOVERY	DEPTH			
		32.3420774 -104.0856686								OUTSIDE DELINEATION	
	0	GROUND SURFACE:									
	0-1'	BROWN SANDY SILT (ML) & GRAVEL, DRY	ML								
	1-3'	BROWN SANDY SILT-SILT (ML), HARD DRY	ML								
	3-8'	TAN-WHITE SANDY SILTY (ML) - ROCK INTER BEDDED	ML								
	5										
	8-18'	TAN SILTY SAND (SM), SOME ROCK HARD, DRY, VERY FINE GRAINED	SM								
	10										
	15										
	18'-35'	BROWN SILTY SANDY CLAY (CL) STIFF, DRY, LOW PLASTICITY	CL								
	20										
	25	SILT MOIST @ 35' BGL BECOMING DARKER BROWN IN COLOR									
	30										
	35										

 CME CONTINUOUS AUGER SAMPLER  STANDARD PENETRATION TEST  UNDISTURBED SAMPLE  WATER TABLE (24 HOURS)	 WATER TABLE (TIME OF BORING)  LABORATORY TEST LOCATION  PENETROMETER (TONS/SQ. FT.)  NR: NO RECOVERY	PROJECT NAME Novo - Culebra Bluff CTB3 - Produced Water Line Release PROJECT NUMBER NVONM2104 BORING NUMBER SB-1
 ALTAMIRA 3700 West Robinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com		DATE DRILLED: 11/25/2022 DRILLING METHOD: Direct Push/Air Rotary DRILLED BY: WHITE DRILLING LOGGED BY: BH CHECKED BY: BH DRAWN BY: BH DRAWING NO.: PAGE 1 OF 1

Released to Imaging: 3/11/2024 1:57:55 PM



APPENDIX C
Photographic Documentation

Appendix C
Photograph Log – Goonch Fed Com 0409-21H Flow Line Release
Incident ID: nAPP2307966624



March 24, 2023 – View north at initial excavation area



March 24, 2023 - View south at initial excavation area

Appendix C
Photograph Log – Goonch Fed Com 0409-21H Flow Line Release
Incident ID: nAPP2307966624



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

Appendix C
Photograph Log – Goonch Fed Com 0409-21H Flow Line Release
Incident ID: nAPP2307966624



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

Appendix C
Photograph Log – Goonch Fed Com 0409-21H Flow Line Release
Incident ID: nAPP2307966624



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

Appendix C
Photograph Log – Goonch Fed Com 0409-21H Flow Line Release
Incident ID: nAPP2307966624



View south at fully reclaimed area – backfilled and bermed pad area



View west at reclaimed pad area

Appendix C
Photograph Log – Goonch Fed Com 0409-21H Flow Line Release
Incident ID: nAPP2307966624



View south at reclaimed area off-pad on BLM property



APPENDIX D
Field Documentation



ALTAMIRA

Client: Noro Oil & GasPage: 1 of 1Date: 3-27-23Project: Noro 2203/001 Greenhouse ReleaseBy: H. Gonzalez

Objective: locate and mark sampling grids, collect all samples in the spill area and test for TPH, BTEX, and Chlorides.

Altamira Staff on Site: Hig. H. O. Gonzalez

Weather: Cool sunny 52°F

Left Carlsbad at 0800 to drive to site, stopped to get ice for sample cooler. On arrival to site, started filling out JSA and got field notes/map started. Notes, Pipeline trench that was originally 4' below grade was now 6' below grade. There was also a substantial pile of material (curb) along the East boundary. East wall was collapsed and rounded by excavator tracks, unable to collect sidewalls there.

After setting up and measuring grids, marked grid centers on the ground using whisker spikes. Determined there to be a total of 24 floor sample grids and 4 sidewall locations.

Collected grids G-1 to G-24 at 24-27" in depth, and 4 sidewall samples.

Southwall - 1 (0-2')
 Eastwall - 1 (0-2')
 Eastwall - 2 (0-2')
 Westwall - 1 (0-2')

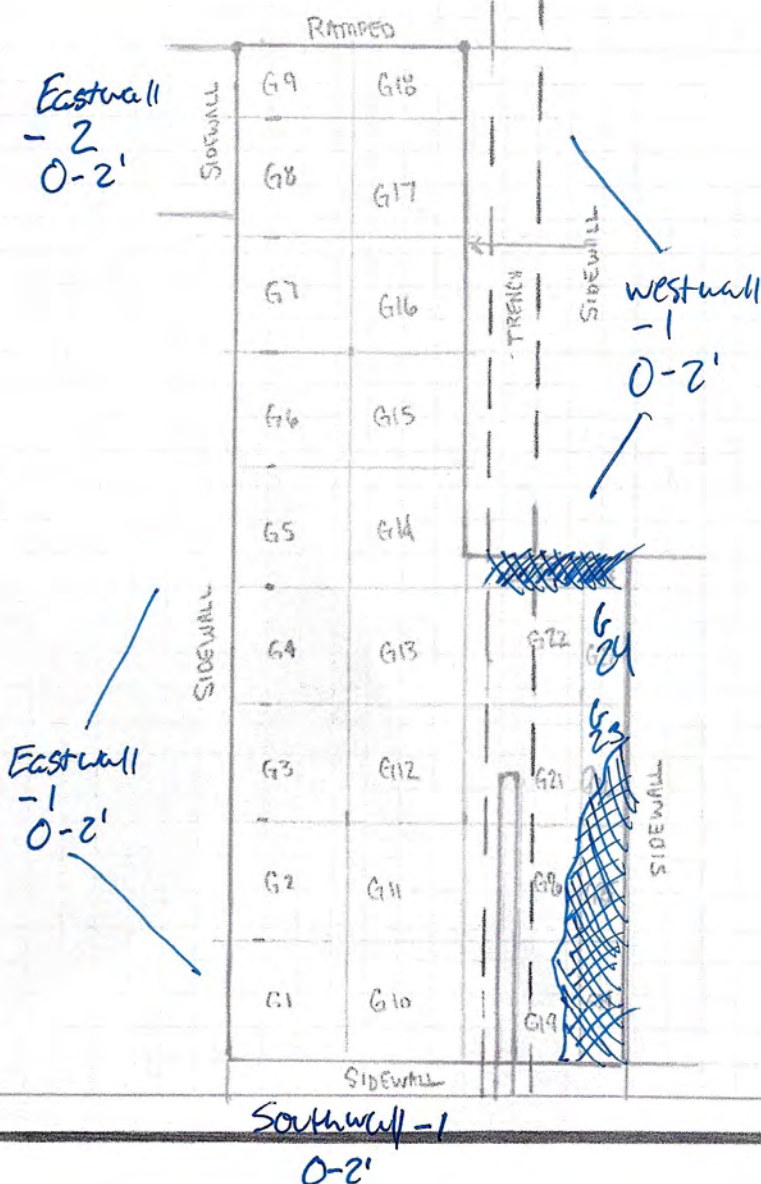
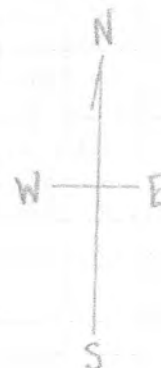
Placed all samples in sample jars and put them on ice. Collected field tools and cleaned up work area after filling out sample paperwork and left site at 1245 back to Carlsbad.



Project: Gravich

Date: 3/24/2023

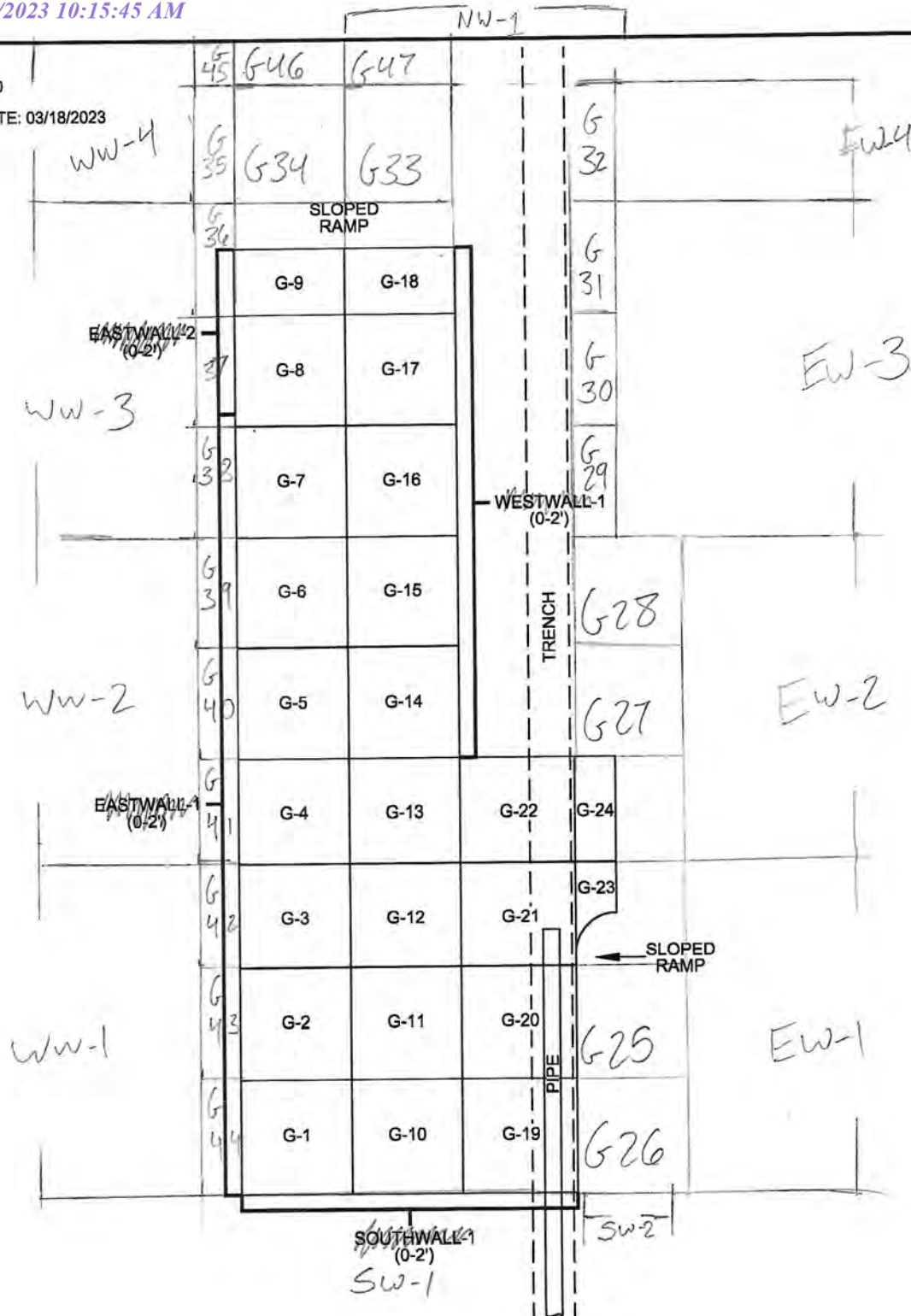
By:



CITY: (Red) DIV: (GROUP: (Red) DB: (Red) LD: (Red) PIC: (Opt) PM: (Red) TM: (Opt) LVR: (Opt) ON: "OFF" = "REF" P:\Novo Oil & Gas\NWON\2303 - Goonch Flow Line Release\Figures-Maps\Figure 1.dwg ACADVER: 21.2S (LMS TECH) PAGES: 21.2S (LMS TECH) PLOT: 3/30/2023 12:32 PM BY: AARON LOZANO

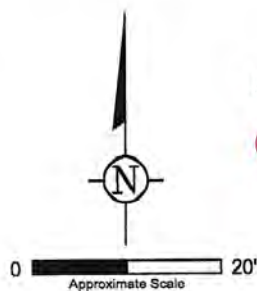
N 32.34321760
W -104.08546710

DISCOVERY DATE: 03/18/2023



NOTES:

03/27/2023 - EXCAVATION DEPTH - 2' BGS SAMPLED ALL GRIDS



LEGEND

- () - APPROXIMATE RELEASE AREA
- G-1 - CONFIRMATION SOIL SAMPLE LOCATION & GRID

NOVO OIL & GAS
GOONCH FED COM 0409-214H
FLOWLINE RELEASE
INCIDENT ID: nAPP2307966624

**SITE PLAN & SAMPLE LOCATION MAP
(RELEASE 03/18/2023)**



FIGURE

3

Client: Navo O&GProject: Graben ReleaseDate: 5-2-23By: H. Gonzalez

Objective: Collect resamples and establish new grids/update site diagram to reflect locations on newly excavated areas.

Weather: Hot, Sunny, Rainy.

Staff on site: H. Gonzalez

0730: Left Corpus to head to site in lavig. Stopped to get ice for sample coolers. Arrived on site at 0810. Started measuring out grid locations, and updated site figure.

0915: Got equipment ready to start collecting soil samples, starting on the east side of the spill/excavated area.

Collected 13 samples, then left site temporarily to address another Navo (Hades) site.

Returned to site to collect remaining samples on the west side of the excavated area.

Noted discoloration and smell of hydrocarbons along the west wall by G-42, G-41. Also noted strong odor but no discoloration by G-10.

Collected 48 total samples, stopped sample collection at 1350 as rain clouds were present and still needed to label and jar samples. Rain started at 1455, left site at 1520 to head to Hobbs to drop off samples. Will return 5-3-23 to collect remaining sidewall samples.

Samples collected:

G-1	G-26
G-2	G-27
G-3	G-28
G-4	G-29
G-5	G-30
G-6	G-31
G-7	G-32
G-8	G-33
G-9	G-34
G-10	G-35
G-11	G-36
G-12	G-37
G-13	G-38
G-14	G-39
G-15	G-40
G-18	G-41
G-20	G-42
G-21	G-43
G-22	G-44
G-23	G-45
G-24	G-46
G-25	G-47

48-51"

Sidewalls
 SW-1
 WW-1
 WW-2
 WW-3
 0-4'

HGG



Client: NOVO OIG
 Project: Goanah Release

Page: 1 of 1
 Date: 5-3-23
 By: H Gonzalez

Objective: Collect remaining samples on sidewalks.

Weather: HOT, Sunny, Windy.

Staff on Site: H. Gonzalez.

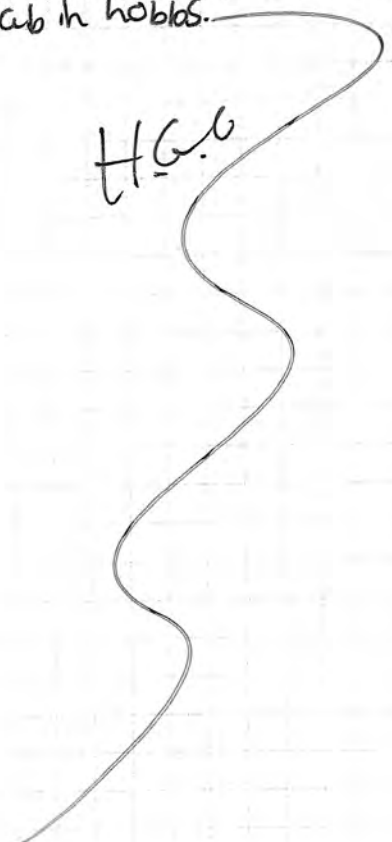
Arrived on site at 0900, got sampling equipment ready, and located sidewalk sample locations. Used measuring tape to ensure sidewalk locations were under 200 FT².

Collected 7 sidewalk samples at 0930, noted Eastwalls were made of hard stone. Collected loose soil that I was able to get to as a sidewalk representation around the rocks to include smaller rocks that fell into the sample containers. Jarred and labeled samples, filled out COCs and left site at 1030 to head to lab in hobbs.

Samples Collected:

WW-4
 SW-2
 EW-1
 EW-2 0-4'
 EW-3 Sidewalks.
 EW-4
 NW-1

H.G.O.



Client: NOVO 066Project: NOVOM 2303/001Page: 1 of 1Date: 8-15-23By: H. GonzalezStart on Site: H. Gonzalez (Rogers Contractor)

- 0700, Started backfill operations on Gravel Pad. Using Vibrating roller to Pack Gravel Substrate that was Staged on Site. Waiting for Water truck for layer compaction. Water truck Scheduled to show up ~~at~~ on 8-16-23 @ 0800. Also Set to begin hauling in Caliche as Pad material. Left site to other NOVO site at 1000. Rode left site at 1659.



Client: Novo O&GProject: NOVUM 2303/001Page: 1 of 1Date: 8-16-23By: H. Gonzalez

Staff on site: H. Gonzalez, (Rogue Contractor)

0700: Backfill operations ongoing, using treua roller for the more narrow sections of the excavation. Water truck showed up today to aid in compacting the pad material. Left site at 1130, Rogue left site at 1700.

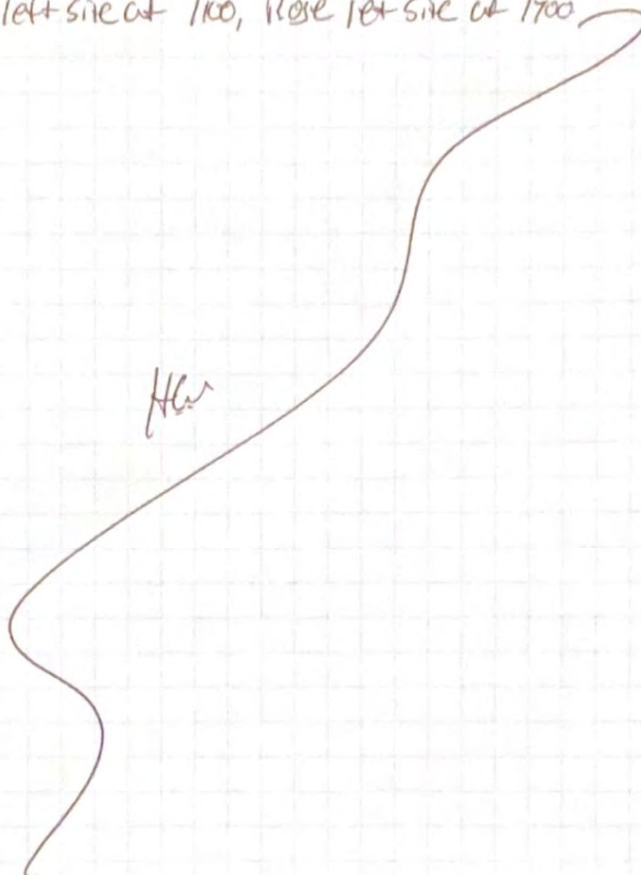




Page: 1 of 1
Client: NOVO OCF Date: 8-17-23
Project: NOVOM 2303/001 By: H. Gonzalez

Staff on site: H. Gonzalez (Rogue Contractor)

0700 Bulkfill operations ongoing. UP close to the final layers of material needed. Will be capping pad material with gravel over the caliche, and topsoil for off pad excavated areas to the west. Left site at 1100, Rose left site at 1700



Client: NOVO O&GPage: 1 of 1Date: 8-18-23Project: NUONM 2303/001By: H. Gonzalez

Start on site: H. Gonzalez (Rose contractor)

0700 Backfill operations ongoing. Adding final layers of available material, waiting on additional material showing up on Monday 8-21-23. Left site at 1030.
Rose left site at 1700

Hhe



Client:

Novo Oil Co

Project:

MMOM 2303/001

Page:

1 of 1

Date:

8-21-23

By:

H. Gonzalez

Start on site: H. Gonzalez (Rosa Contractor)

0700, Backfill operations nearly completion, Putting cap of gravel on pad, Compacting with vibration roller and rebuilding berms around the site that were taken out. Left site at 1100, Backfill completed at 1700.

HG

Client: NOVO OFPage: 1 of 1Date: 9-6-23Project: NVOM 2303/001By: H. Gonzalez

Staff on site: LOC Contractor

- Seeding on off pad area performed with approved BLM seed mix -
Drought ~~test~~ Seeded at 3X the rate.

H.G.



ALTAMIRA

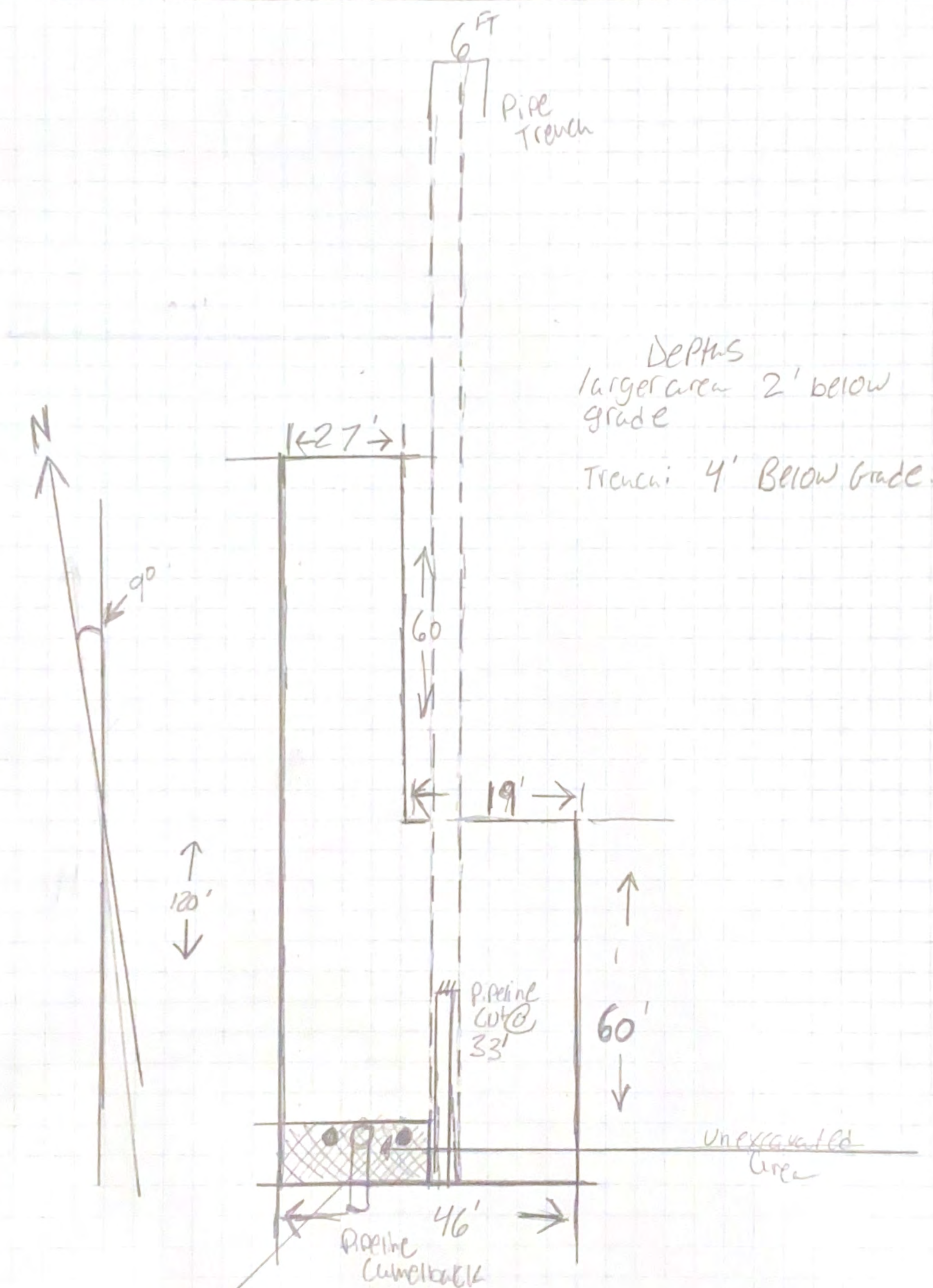
Client: NOVO Oil & Gas

Project: NVONM 2203 / 001

Page: 1 of 1

Date: 3-24-2023

By: H. Gonzalez



32.342087

$$-104.085919$$

Client: NAVO OF GPage: 1 of 1Date: 5-25-23Project: Gochen Release NVOA 2303/01 by: H. Gonzalez

Objective: Mark grids for further excavation, collect hand auger samples on the west wall, collect core samples in excavated areas and take them to the lab.

Weather: Hot, sunny, Scattered showers.

- Arrived on site at 0830, organized the team on areas to excavate.
- Identified areas to collect hand auger samples in, collected two hand auger samples along the west wall to establish extent of contamination. Collected two hand auger samples to 8', WW-2-2, WW-3-2.
- Excavation still ongoing, will collect more samples tomorrow. Left site at 1030 to take samples to the lab.

H.G.



Client: NOVO OIG
Project: NOVM 2303/001

Page: 1 of 1
Date: 5-26-23
By: H. Gonzalez

Objective: Collect remaining floor samples that were dug out 5-25-23.

Staff on site: H. Gonzalez

Weather: Hot, sunny.

Arrived on site at 1230, Identified remaining floor samples to be collected. Noted, hand digging still ongoing, however, grids exposed enough to collect these samples.

Collected 18 samples 120-123" BG. 6 4, 5, 6, 7, 8, 9, 10, 12, 13, 15, 33, 34, 35, 36, 37, 38, 39, 46.

Placed samples in sample jars, filled out COC's and left to lab at 1500.

H/GG

Client: NOVO O&GPage: 1 of 1Date: 6-2-23Project: NO. 2303/001By: H. Gonzalez

Objective: Collect floor samples that were excavated further.

Staff on site: H. Gonzalez

Weather: Hot, Sunny, High Winds

Arrived on site at 1330, Located sample grids 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.
at 144-147" BG.

Noted, sidewalls are getting too High. Unable to bench or slope due to adjacent DCP Pipeline and road flow lines.

Left site at 1530 to lab in Hobbs.



Client: NOVO O&GPage: 1 of 1Date: 6-9-23Project: Mohm 2303/001By: H. Gonzalez

Objective: Collect floor samples that were excavated deeper.

Staff on site: H. Gonzalez

Weather: Hot, Sunny, Cloudy with clouds present, but no precipitation.

Arrived on site at 1400, identified grids to be sampled. Noted, floors are solid rock, sampled soil that rested on top of rocks around 3" thick.

Collected 11 samples: 6, 6, 7, 8, 9, 34, 35, 36, 37, 38, 39, 46 @ 168-171" Bf.
Jared soil samples and filled out LOC's. Left to the lab at 1530.

H66



Client:

NOVO Oil

Project:

NOVA 2303/001

Page:

1 of 1

Date:

6-13-23

By:

H. Gonzalez

Objective: Collect remaining Samples that were dug by hand the day prior.

Staff on site: H. Gonzalez

Weather: Hot, Sunny.

- Arrived on site at 0730, located remaining grids to be sampled. Collected 4 samples, G-12, 13, 15, 33. @ 168"-171" BG.

Noted, sidewalks in this area that were hand dug are getting deep and dangerous, only accessible w/ ladder. Left site at 0845. Took samples to lab along with other Novo samples from Celebration Remediation site.

H.G.



Page: 1 of 1
 Client: Novo O&G Date: 5-10-23
 Project: Granch MONM 2303/001 By: H. Gonzalez

Objective: Mark excavated areas that need to be dug deeper; Collect Background Samples off the Pad site in native soil.

Weather: Hot, Sunny 80°

Staff: H. Gonzalez

Arrived on site at 0945, got equipment ready, Field map to measure and mark areas with marking paint to be excavated a further 2 ft. spoke with Novo Staff (Pete Truitt) and he advised excavation would begin on Friday 5/12

1400: Returned to spill site to collect BG Samples off the Pad site w/ hand Auger.

Collected 4 Samples total, soil was loose light brown to orange in color, sandy silt in appearance up to 1.75', after that was hard stone that was easily manipulated out of the sample hole with the auger to be separated from the sample jar.

Locations	
BG-1	BG-2
32.342254	32.342551
-104.086485	-104.086743
BG-1 (0-1')	BG-2 (0-1')
BG-1 (1-2')	BG-2 (1-2')

Filled out COC's and Placed Samples in Jars on ice. To be Analyzed for TPH BTEX. Left to lab in Hobbs at 1500.

H.G.



Page: 1 of 1
 Client: NOVO O&G
 Date: 5-15-23
 Project: NOVA 2303/001 GORCH
 By: H. GARCIA

Objective: Mark Sidewall Excavation locations, collect resamples in newly excavated area to 6 ft

Weather: Hot, sunny, Partly Cloudy. 72°, Rain forecasted

Left to site at 0720, met with excavation crew, identified Sidewall needing to be extended, noted location of DCP Pipeline, Rode crew did a one call prior to excavation. Left to Carlsbad to get ice for sample collection. Excavation finished at 0930 waited for crew to clear out of trench, started sample collection at 1100. Collected 33 total samples. Left to lab in Hobbs at 1420.

G-1	G-11	G-36
G-2	G-12	G-37
G-3	G-13	G-38
G-4	G-14	G-39
G-5	G-15	G-40
G-6	G-27	G-41
G-7	G-28	G-42
G-8	G-29	G-43
G-9	G-34	G-44
G-10	G-35	G-45
G-46		

72-75"

Collected 2 Sidewall resamples.

WW-2B 0-6'
 WW-3B 0-6'



Page: 1 of 1
 Client: Novo OIG Date: 5-22-23
 Project: Gacha Release Nov 23/2001 By: H. Gonzalez

Objective: Follow up w/ excavation crew, collect samples at new 8' depth, collect 2 Hand Auger borings on WW2, WW3 to determine how far to extend the wall

Weather: HOT, Sunny, Light Showers.

Staff on Site: A. Gonzalez

Arrived on site at 0830, checked in with excavation crew, excavation in progress by hand (Pickaxe, Shovel) and hydraulic truck on site to expose 6" p.p. pipe in trench. Left site at 0915 to other Novo site.

Returned to Novo Gacha site at 1330, to locate bore hole locations and collect any samples around the workers/ equipment. Started on bore holes for hand auger on two west walls 1.5' west to determine how far we need to extend sidewall.

Collected G11, 33, 35, 36, 37, 38. Left to lab at 1530.

H.G.

Client: NOVO OSGPage: 1 of 1Date: 5-23-2023Project: Garcia Pilecs 2303001By: H. Gonzalez

Objective: Collect remaining samples for Chlorides and TPH

Weather: Hot, Sunny, Windy.

Staff on site: H. Gonzalez.

Arrived on site at 1200. Crews still on site excavating, able to work around them. Got sampling equipment ready and began sampling at 1220. Collected 19 samples to be analyzed for Chlorides and TPH.
62, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 34, 39, 40, 41, 42, 46. Left to lab at 1415.

H.G.



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

District IV
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: NOVO OIL & GAS NORTHERN DELAWARE, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372920
	Action Number: 267714
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Closure Report Approved.	3/11/2024