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	NAPP2116846090
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Dugan Production Corp.	OGRID: 006515
Contact Name: Kevin Smaka	Contact Telephone: 505-325-1821 x1049
Contact email: Kevin.Smaka@duganproduction.com	Incident # *(assigned by OCD)* nAPP2116846090
Contact mailing address: PO Box 420, Farmington, NM 87499	

Location of Release Source

Latitude 36.2682648 Longitude -107.8367538
(NAD 83 in decimal degrees to 5 decimal places)

Site Name January Jamboree #1	Site Type Oil Well
Date Release Discovered 6-15-21	API# *(if applicable)* 30-045-31229

Unit Letter	Section	Township	Range	County
L	31	24N	9W	San Juan

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)

☒ Crude Oil	Volume Released (bbls) 21	Volume Recovered (bbls) 0
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Line pressure caused a gauge to burst when a compressor went offline.

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Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2116846090
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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: Kevin Smaka Title: Engineer

Signature: Kevin Smaka Date: 6-17-21

email: Kevin.Smaka@dvn.production.com Telephone: 505-325-1821

OCD Only

Received by: Ramona Marcus Date: 9/15/2021

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Page 3

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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Page 5

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2116846090
District RP	
Facility ID	
Application ID	

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.***

- [x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- [x] 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)
- [x] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- [x] 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: Kevin Smotka Title: Engineer

Signature: Kevin Smotka Date: 9-14-21

email: _____ Telephone: _____

OCD Only

Received by: Ramona Marcus Date: 9/15/2021

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: Nelson Velez Date: 02/23/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

Spill Closure Report

Dugan Production Corp.

January Jamboree #1

30-045-31229

An oil spill occurred at the January Jamboree #1 well. The spill was caused by equipment failure.

To remediate the spill Dugan excavated the contaminated soil, hauled it to the Envirotech land-farm for remediation and trucked clean soil in for back fill.

Once soils appeared to be in good condition Dugan scheduled sampling activities with surface owners so they could witness sampling. Lab analytical results indicate the remediation was successful since minimal contamination was indicated in the lab results.

Included with this closure report are maps, pictures and all other documentation required by NMOCD rules.

Tyra Feil

To: Kevin Smaka
Subject: RE: Notice of spill remediation sampling

From: Kevin Smaka
Sent: Friday, August 20, 2021 11:43 AM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'aadeloye@blm.gov' <aadeloye@blm.gov>
Cc: Marty Foutz <Marty.Foutz@duganproduction.com>; Carlos Ramos <Carlos.Ramos@duganproduction.com>; Luke Durham <Luke.Durham@duganproduction.com>; Kelly Miller <Kelly.Miller@duganproduction.com>; Curtis Davis <Curtis.Davis@duganproduction.com>
Subject: Notice of spill remediation sampling

Dugan Production plans to sample soils at several locations where spills have been remediated.

The locations are listed below:

Poles Paradise #90S
API # 30-045-32450
E-09-30N-14W 2075 FNL 1235 FWL

Moncrief #100
API 30-045-35235
A-02-30N-13W Lot: 1 990 FNL 680 FEL

Ross Federal #1
API# 30-045-22484
A-04-26N-13W Lot: 1 990 FNL 1190 FEL

January Jamboree #1
API # 30-045-31229
L-31-24N-09W Lot: 3 1825 FSL 715 FWL

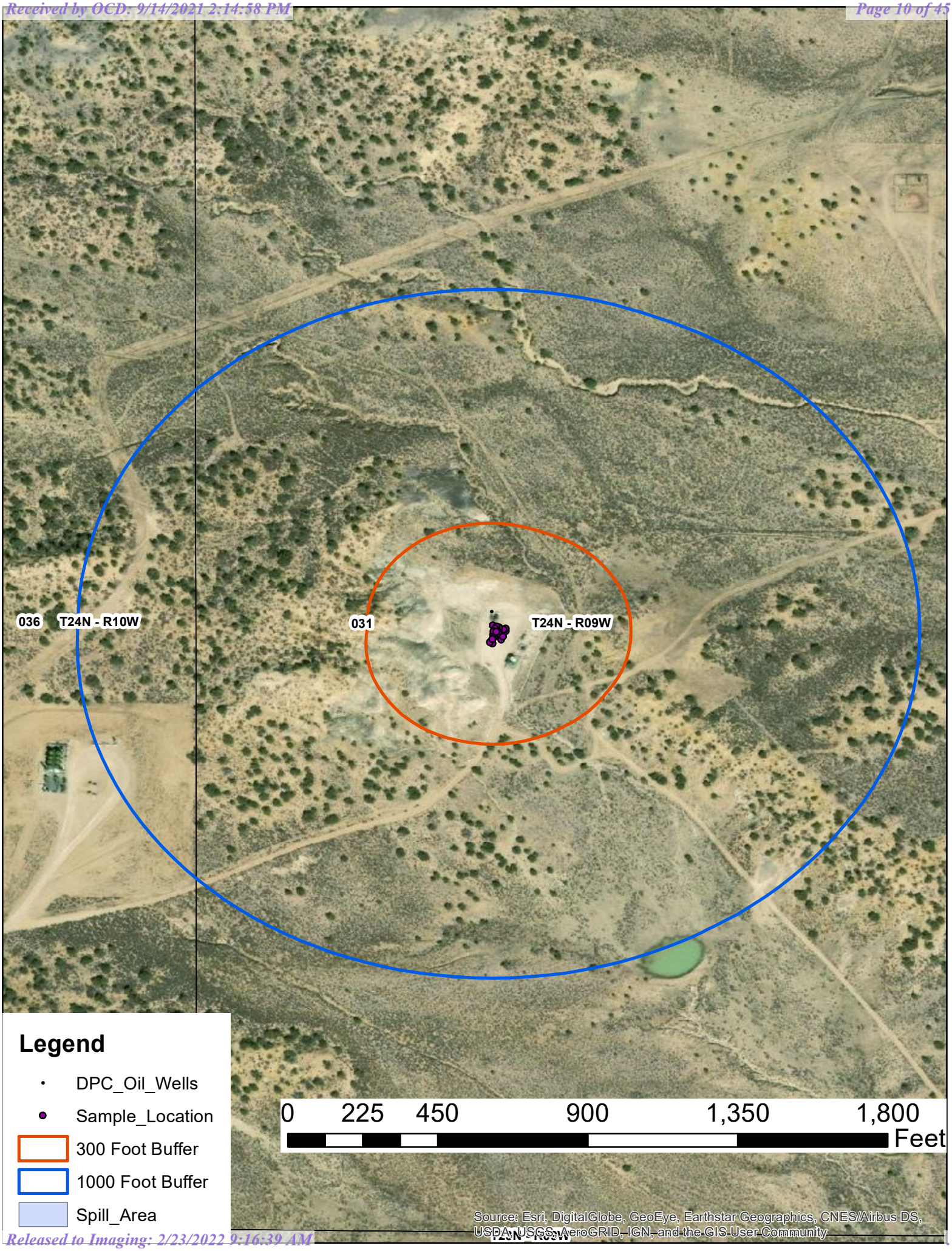
Anabel B #1
API# 30-045-26527
K-27-25N-08W 1860 FSL 1680 FWL

Dugan will sample the soils at these locations on Thursday, 8/26/21, starting at 9:00 AM. We will begin at the Poles Paradise #90S.

Should you have questions please contact me,

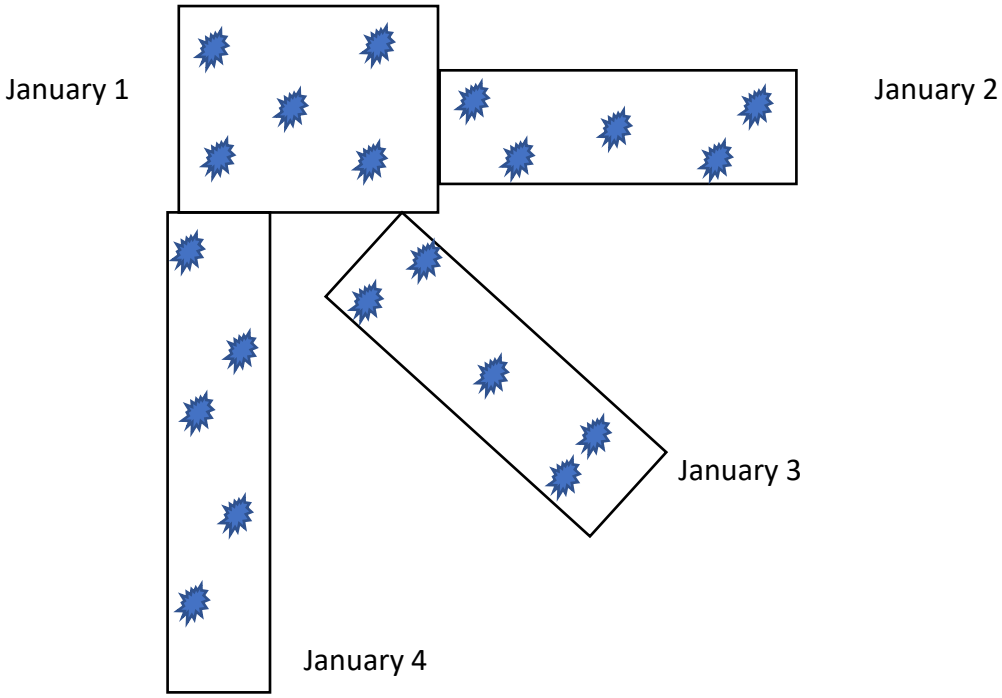
Kevin Smaka P.E.
Regulatory Engineer
Dugan Production Corp.
505-486-6207


6900
036
T24N - R10W
031
T24N - R09W
Legend
DPC_Oil_Wells
Sample_Location
300 Foot Buffer
1000 Foot Buffer
Spill_Area
0
225
450
900
1,350
1,800
Feet
6820
T23N - R09W
Copyright:© 2013 National Geographic Society, i-cubed


036
T24N - R10W
031
T24N - R09W
Legend
DPC_Oil_Wells
Sample_Location
300 Foot Buffer
1000 Foot Buffer
Spill_Area
0
225
450
900
1,350
1,800
Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community


031
T24N - R09W
Legend
DPC_Oil_Wells
Sample_Location
Spill_Area
0
40
80
160
240
320
Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Soil Sampling Diagram



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

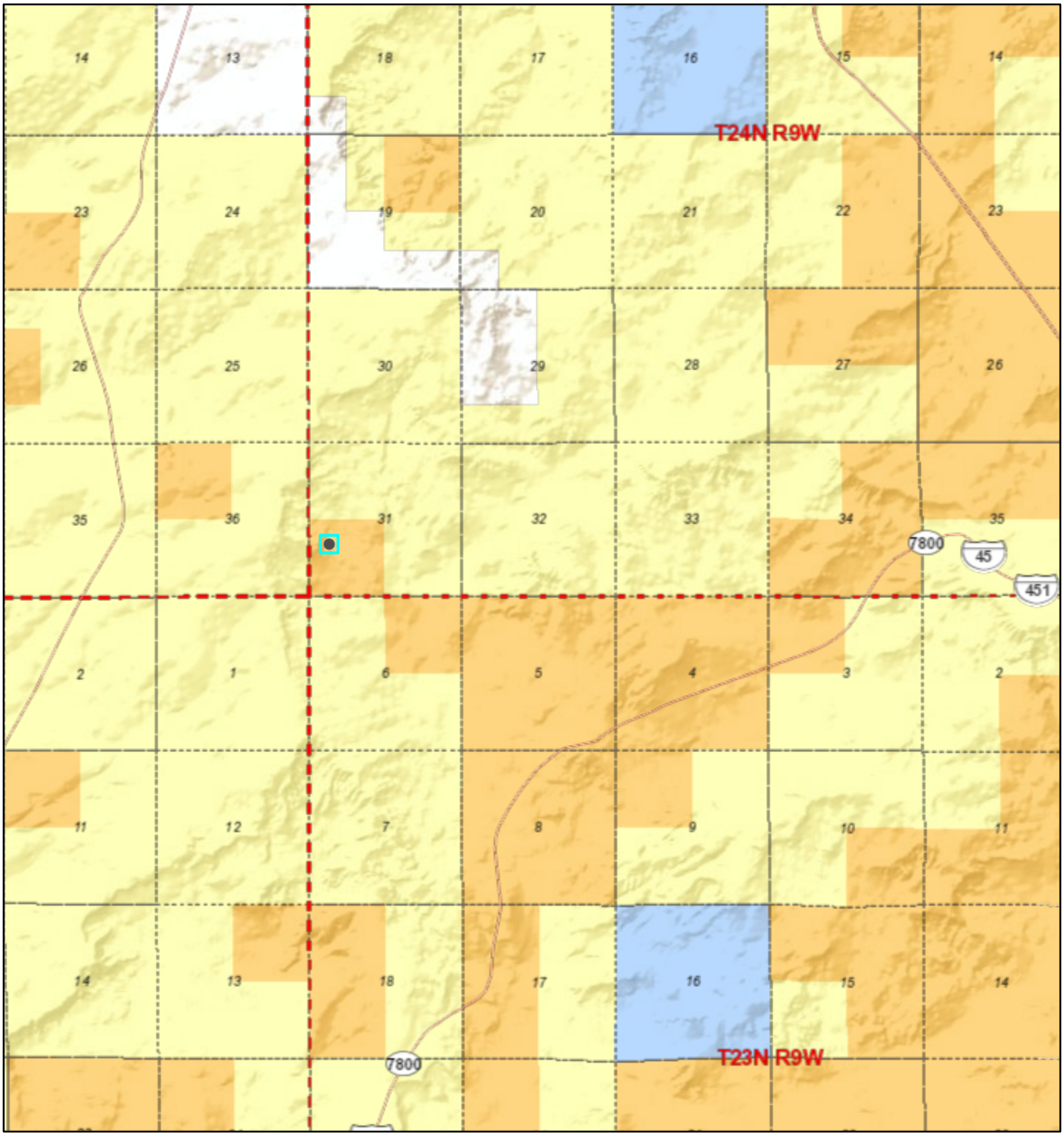
Basin/County Search:

Basin: San Juan

PLSS Search:

Section(s): 31 **Township:** 24N **Range:** 09W

Active Mines in New Mexico



9/14/2021, 12:08:10 PM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

- Township / Range
- Sections

Land Ownership

- Bureau of Land Management
- Bureau of Reclamation
- Department of Agriculture
- Department of Defense
- Department of Energy
- National Park Service
- Private Land
- State Game and Fish
- State Land
- State Parks
- Tribal

U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator

New Mexico Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

National Flood Hazard Layer FIRMette

FEMA

107°50'31"W 36°16'20"N

107°49'54"W 36°15'51"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

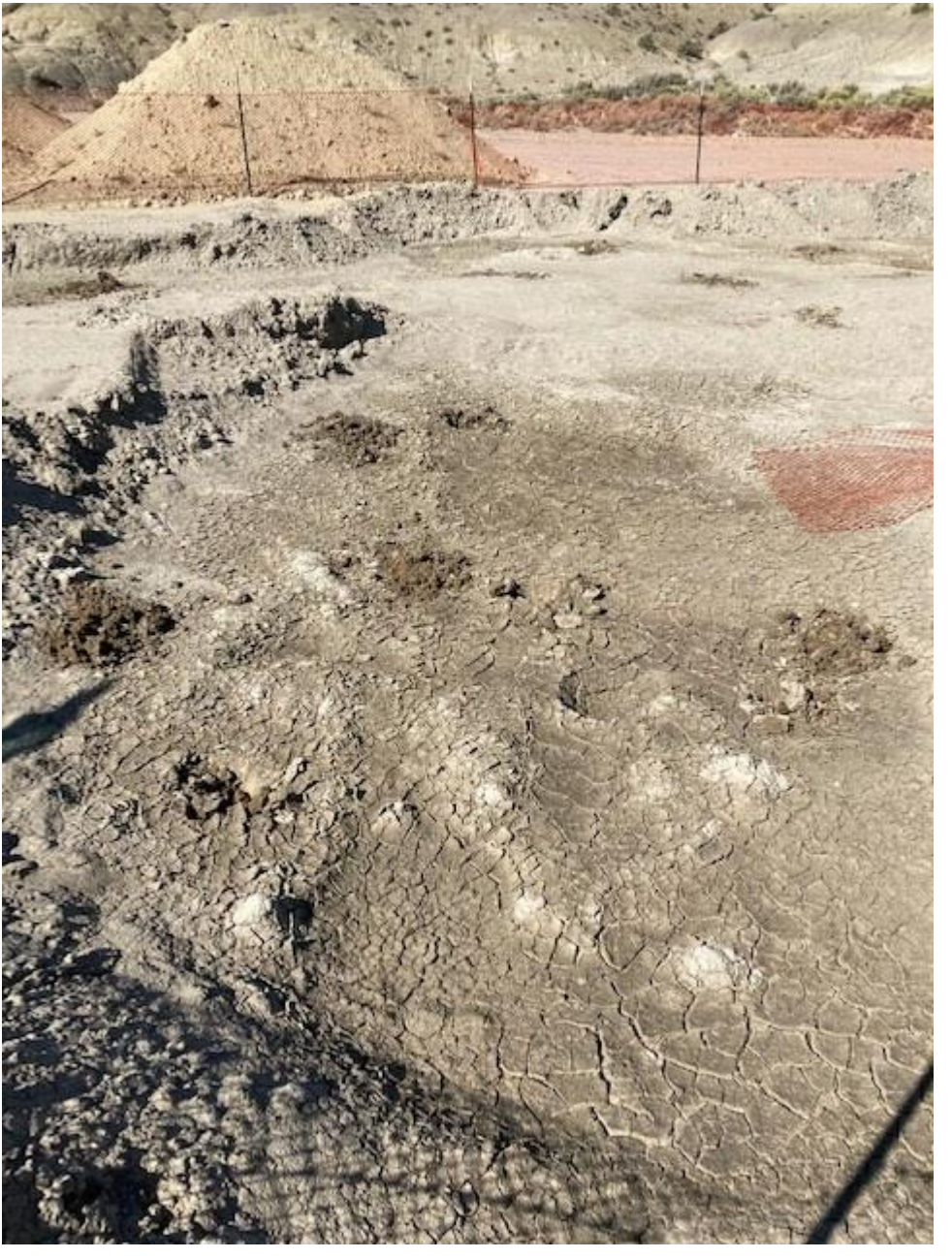
N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/14/2021 at 2:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Sample Data

Dugan Production Corp.	Project Name:	Spill Sampling	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

January 1

E108107-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Benzene	ND	0.0250	1	08/30/21	09/01/21	
Ethylbenzene	ND	0.0250	1	08/30/21	09/01/21	
Toluene	ND	0.0250	1	08/30/21	09/01/21	
o-Xylene	ND	0.0250	1	08/30/21	09/01/21	
p,m-Xylene	ND	0.0500	1	08/30/21	09/01/21	
Total Xylenes	ND	0.0250	1	08/30/21	09/01/21	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*08/30/21*	*09/01/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/30/21	09/01/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*08/30/21*	*09/01/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2136030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/02/21	09/03/21	
Oil Range Organics (C28-C36)	**54.5**	50.0	1	09/02/21	09/03/21	
Surrogate: n-Nonane		*172 %*	*50-200*	*09/02/21*	*09/03/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AC			Batch: 2136008
Chloride	ND	20.0	1	08/30/21	08/31/21	

Sample Data

Dugan Production Corp.	Project Name:	Spill Sampling	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

January 2

E108107-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Benzene	ND	0.0250	1	08/30/21	09/02/21	
Ethylbenzene	ND	0.0250	1	08/30/21	09/02/21	
Toluene	ND	0.0250	1	08/30/21	09/02/21	
o-Xylene	ND	0.0250	1	08/30/21	09/02/21	
p,m-Xylene	ND	0.0500	1	08/30/21	09/02/21	
Total Xylenes	ND	0.0250	1	08/30/21	09/02/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*08/30/21*	*09/02/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/30/21	09/02/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/30/21*	*09/02/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2136030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/02/21	09/03/21	
Oil Range Organics (C28-C36)	**50.9**	50.0	1	09/02/21	09/03/21	
Surrogate: n-Nonane		*175 %*	*50-200*	*09/02/21*	*09/03/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AC			Batch: 2136008
Chloride	ND	20.0	1	08/30/21	08/31/21	

Sample Data

Dugan Production Corp.	Project Name:	Spill Sampling	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

January 3

E108107-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Benzene	ND	0.0250	1	08/30/21	09/02/21	
Ethylbenzene	ND	0.0250	1	08/30/21	09/02/21	
Toluene	ND	0.0250	1	08/30/21	09/02/21	
o-Xylene	ND	0.0250	1	08/30/21	09/02/21	
p,m-Xylene	ND	0.0500	1	08/30/21	09/02/21	
Total Xylenes	ND	0.0250	1	08/30/21	09/02/21	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*08/30/21*	*09/02/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/30/21	09/02/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*08/30/21*	*09/02/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2136030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/02/21	09/03/21	
Oil Range Organics (C28-C36)	**62.8**	50.0	1	09/02/21	09/03/21	
Surrogate: n-Nonane		*185 %*	*50-200*	*09/02/21*	*09/03/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AC			Batch: 2136008
Chloride	ND	20.0	1	08/30/21	08/31/21	

Sample Data

Dugan Production Corp.	Project Name:	Spill Sampling	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

January 4

E108107-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Benzene	ND	0.0250	1	08/30/21	09/02/21	
Ethylbenzene	ND	0.0250	1	08/30/21	09/02/21	
Toluene	ND	0.0250	1	08/30/21	09/02/21	
o-Xylene	ND	0.0250	1	08/30/21	09/02/21	
p,m-Xylene	ND	0.0500	1	08/30/21	09/02/21	
Total Xylenes	ND	0.0250	1	08/30/21	09/02/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*08/30/21*	*09/02/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2136007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/30/21	09/02/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*08/30/21*	*09/02/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2136030
Diesel Range Organics (C10-C28)	ND	25.0	1	09/02/21	09/03/21	
Oil Range Organics (C28-C36)	**57.4**	50.0	1	09/02/21	09/03/21	
Surrogate: n-Nonane		*181 %*	*50-200*	*09/02/21*	*09/03/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AC			Batch: 2136008
Chloride	ND	20.0	1	08/30/21	08/31/21	

Project Information | Chain of Custody | Page 2 of 3

Client: Dugan	Bill To
Project: Spill Sampling	Attention:
Project Manager:	Address:
Address:	City, State, Zip
City, State, Zip	Phone:
Phone:	Email:
Email:	
Report due by:	

Lab Use Only: Lab WO# E108107 | Job Number 0609140177

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC	Remarks
12:20	8-26	S	1	Ross 5	11	X	
12:20	8-26	S	1	Ross 6	12		
3:30	8-26	S	1	January 1	13		
3:30	8-26	S	1	January 2	14		
3:30	8-26	S	1	January 3	15		
3:30	8-26	S	1	January 4	16		
~~3:30~~	~~8-26~~	~~S~~	~~1~~	~~January 5~~	X		
2:20	8-26	S	1	Anabel N1	17		
2:20	8-26	S	1	Anabel ~~S2~~ N2	18		
2:20	8-26	S	1	Anabel ~~3~~ S1	19		
2:20	8-26	S	1	Anabel ~~4~~ S2	20		

KS 8-27

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-27	9:10		8/27/21	9:53

Lab Use Only — Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other ____

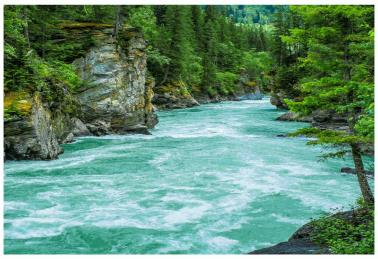
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

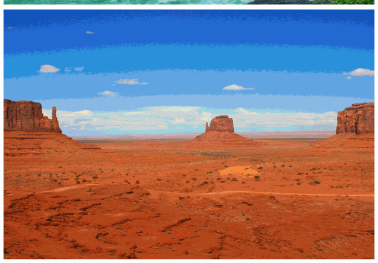
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Report to:

Kevin Smaka





5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Dugan Production Corp.

Project Name:	Spill Sampling
Work Order:	E108107
Job Number:	06094-0177
Received:	8/27/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/3/21

Date Reported: 9/3/21

Kevin Smaka
PO Box 420
Farmington, NM 87499

Project Name: Spill Sampling
Workorder: E108107
Date Received: 8/27/2021 9:53:00AM

Kevin Smaka,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/27/2021 9:53:00AM, under the Project Name: Spill Sampling.

The analytical test results summarized in this report with the Project Name: Spill Sampling apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	09/03/21 15:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Poles 1	E108107-01A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Poles 2	E108107-02A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Poles 3	E108107-03A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Moncrief 1	E108107-04A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Moncrief 2	E108107-05A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Moncrief 3	E108107-06A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Ross 1	E108107-07A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Ross 2	E108107-08A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Ross 3	E108107-09A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Ross 4	E108107-10A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Ross 5	E108107-11A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Ross 6	E108107-12A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
January 1	E108107-13A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
January 2	E108107-14A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
January 3	E108107-15A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
January 4	E108107-16A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel N1	E108107-17A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel N2	E108107-18A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel S1	E108107-19A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel S2	E108107-20A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel B1	E108107-21A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel B2	E108107-22A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel E1	E108107-23A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel W1	E108107-24A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel Pile 1	E108107-25A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel Pile 2	E108107-26A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel Pile 3	E108107-27A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel Pile 4	E108107-28A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.
Anabel Pile 5	E108107-29A	Soil	08/26/21	08/27/21	Glass Jar, 4 oz.

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136006-BLK1)									Prepared: 08/30/21 Analyzed: 08/30/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			
LCS (2136006-BS1)									Prepared: 08/30/21 Analyzed: 08/30/21
Benzene	4.89	0.0250	5.00		97.8	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130			
Toluene	4.94	0.0250	5.00		98.7	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.26*		*8.00*		*103*	*70-130*			
Matrix Spike (2136006-MS1)				**Source: E108107-21**					Prepared: 08/30/21 Analyzed: 08/30/21
Benzene	4.92	0.0250	5.00	ND	98.4	54-133			
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	61-133			
Toluene	4.97	0.0250	5.00	ND	99.4	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.1	63-131			
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.53*		*8.00*		*107*	*70-130*			
Matrix Spike Dup (2136006-MSD1)				**Source: E108107-21**					Prepared: 08/30/21 Analyzed: 08/30/21
Benzene	4.97	0.0250	5.00	ND	99.5	54-133	1.12	20	
Ethylbenzene	4.87	0.0250	5.00	ND	97.5	61-133	0.628	20	
Toluene	5.01	0.0250	5.00	ND	100	61-130	0.710	20	
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131	0.959	20	
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131	0.577	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.9	63-131	0.704	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.49*		*8.00*		*106*	*70-130*			

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136007-BLK1)									Prepared: 08/30/21 Analyzed: 09/01/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.7*	*70-130*			
LCS (2136007-BS1)									Prepared: 08/30/21 Analyzed: 09/01/21
Benzene	4.74	0.0250	5.00		94.8	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.79	0.0250	5.00		95.8	70-130			
o-Xylene	4.73	0.0250	5.00		94.5	70-130			
p,m-Xylene	9.46	0.0500	10.0		94.6	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.30*		*8.00*		*104*	*70-130*			
Matrix Spike (2136007-MS1)				**Source: E108107-01**					Prepared: 08/30/21 Analyzed: 09/01/21
Benzene	4.77	0.0250	5.00	ND	95.4	54-133			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	61-133			
Toluene	4.80	0.0250	5.00	ND	96.1	61-130			
o-Xylene	4.72	0.0250	5.00	ND	94.5	63-131			
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
Matrix Spike Dup (2136007-MSD1)				**Source: E108107-01**					Prepared: 08/30/21 Analyzed: 09/01/21
Benzene	4.91	0.0250	5.00	ND	98.2	54-133	2.85	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	61-133	1.53	20	
Toluene	4.91	0.0250	5.00	ND	98.2	61-130	2.16	20	
o-Xylene	4.82	0.0250	5.00	ND	96.4	63-131	2.03	20	
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131	1.55	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.0	63-131	1.71	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136006-BLK1)									Prepared: 08/30/21 Analyzed: 08/30/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.93*		*8.00*		*99.2*	*70-130*			
LCS (2136006-BS2)									Prepared: 08/30/21 Analyzed: 08/30/21
Gasoline Range Organics (C6-C10)	58.0	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.08*		*8.00*		*101*	*70-130*			
Matrix Spike (2136006-MS2)				**Source: E108107-21**					Prepared: 08/30/21 Analyzed: 08/30/21
Gasoline Range Organics (C6-C10)	65.3	20.0	50.0	ND	131	70-130			M1
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.97*		*8.00*		*99.7*	*70-130*			
Matrix Spike Dup (2136006-MSD2)				**Source: E108107-21**					Prepared: 08/30/21 Analyzed: 08/30/21
Gasoline Range Organics (C6-C10)	62.3	20.0	50.0	ND	125	70-130	4.68	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.84*		*8.00*		*98.0*	*70-130*			

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136007-BLK1)									Prepared: 08/30/21 Analyzed: 09/01/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			
LCS (2136007-BS2)									Prepared: 08/30/21 Analyzed: 09/01/21
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.83*		*8.00*		*97.8*	*70-130*			
Matrix Spike (2136007-MS2)				**Source: E108107-01**					Prepared: 08/30/21 Analyzed: 09/01/21
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.94*		*8.00*		*99.2*	*70-130*			
Matrix Spike Dup (2136007-MSD2)				**Source: E108107-01**					Prepared: 08/30/21 Analyzed: 09/01/21
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130	8.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136020-BLK1)									Prepared: 08/31/21 Analyzed: 08/31/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.8*		*50.0*		*89.5*	*50-200*			
LCS (2136020-BS1)									Prepared: 08/31/21 Analyzed: 08/31/21
Diesel Range Organics (C10-C28)	459	25.0	500		91.8	38-132			
Surrogate: n-Nonane	*45.5*		*50.0*		*91.0*	*50-200*			
Matrix Spike (2136020-MS1)				**Source: E108120-04**					Prepared: 08/31/21 Analyzed: 08/31/21
Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.2	38-132			
Surrogate: n-Nonane	*28.3*		*50.0*		*56.7*	*50-200*			
Matrix Spike Dup (2136020-MSD1)				**Source: E108120-04**					Prepared: 08/31/21 Analyzed: 08/31/21
Diesel Range Organics (C10-C28)	477	25.0	500	ND	95.4	38-132	0.166	20	
Surrogate: n-Nonane	*41.2*		*50.0*		*82.3*	*50-200*			

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136030-BLK1)									Prepared: 09/02/21 Analyzed: 09/02/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.0*		*50.0*		*108*	*50-200*			
LCS (2136030-BS1)									Prepared: 09/02/21 Analyzed: 09/02/21
Diesel Range Organics (C10-C28)	508	25.0	500		102	38-132			
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*50-200*			
Matrix Spike (2136030-MS1)				**Source: E108105-09**					Prepared: 09/02/21 Analyzed: 09/03/21
Diesel Range Organics (C10-C28)	5940	2500	500	5460	95.5	38-132			
Surrogate: n-Nonane	*59.8*		*50.0*		*120*	*50-200*			
Matrix Spike Dup (2136030-MSD1)				**Source: E108105-09**					Prepared: 09/02/21 Analyzed: 09/03/21
Diesel Range Organics (C10-C28)	6760	2500	500	5460	259	38-132	12.9	20	M4
Surrogate: n-Nonane	*58.0*		*50.0*		*116*	*50-200*			

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136031-BLK1)									Prepared: 09/02/21 Analyzed: 09/02/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.1*		*50.0*		*96.2*	*50-200*			
LCS (2136031-BS1)									Prepared: 09/02/21 Analyzed: 09/02/21
Diesel Range Organics (C10-C28)	489	25.0	500		97.7	38-132			
Surrogate: n-Nonane	*49.0*		*50.0*		*98.0*	*50-200*			
Matrix Spike (2136031-MS1)				**Source: E108107-09**					Prepared: 09/02/21 Analyzed: 09/02/21
Diesel Range Organics (C10-C28)	516	25.0	500	ND	103	38-132			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*50-200*			
Matrix Spike Dup (2136031-MSD1)				**Source: E108107-09**					Prepared: 09/02/21 Analyzed: 09/02/21
Diesel Range Organics (C10-C28)	510	25.0	500	ND	102	38-132	1.30	20	
Surrogate: n-Nonane	*46.7*		*50.0*		*93.4*	*50-200*			

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Anions by EPA 300.0/9056A

Analyst: AC

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136008-BLK1)									Prepared: 08/30/21 Analyzed: 08/30/21
Chloride	ND	20.0							
LCS (2136008-BS1)									Prepared: 08/30/21 Analyzed: 08/30/21
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2136008-MS1)				**Source: E108107-01**					Prepared: 08/30/21 Analyzed: 08/31/21
Chloride	925	40.0	250	554	148	80-120			M2
Matrix Spike Dup (2136008-MSD1)				**Source: E108107-01**					Prepared: 08/30/21 Analyzed: 08/31/21
Chloride	705	40.0	250	554	60.2	80-120	27.0	20	M2, R2

QC Summary Data

Dugan Production Corp.	Project Name:	Spill Sampling	**Reported:**
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	9/3/2021 3:12:17PM

Anions by EPA 300.0/9056A

Analyst: AC

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2136012-BLK1)									Prepared: 08/31/21 Analyzed: 08/31/21
Chloride	ND	20.0							
LCS (2136012-BS1)									Prepared: 08/31/21 Analyzed: 08/31/21
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2136012-MS1)				**Source: E108107-21**					Prepared: 08/31/21 Analyzed: 08/31/21
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2136012-MSD1)				**Source: E108107-21**					Prepared: 08/31/21 Analyzed: 08/31/21
Chloride	256	20.0	250	ND	102	80-120	0.329	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Dugan Production Corp.	Project Name:	Spill Sampling	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	09/03/21 15:12

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
R2	The RPD exceeded the acceptance limit.
S3	Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Envirotech Analytical Laboratory

Printed: 8/27/2021 10:27:00AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Dugan Production Corp.	Date Received:	08/27/21 09:53	Work Order ID:	E108107
Phone:	(505) 325-1821	Date Logged In:	08/27/21 10:05	Logged In By:	Alexa Michaels
Email:	kevin.smaka@duganproduction.com	Due Date:	09/03/21 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Kevin Smaka
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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 48661

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 48661
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/23/2022