

August 14, 2025

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Revised Remediation Work Plan

Shinnery Oak SWD 1

Incident Number: nAPP2500345021

Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of San Mateo Stebbins Water Management, LLC (San Mateo), has prepared this *Revised Remediation Work Plan* (RRWP) to document assessment and soil sampling activities performed at the Shinnery Oak SWD 1 (Site). The purpose of the Site assessment and soil sampling activities was to address impacted and waste-containing soil resulting from a crude oil and produced water release. San Mateo is submitting this *RRWP*, describing analytical results from soil sampling and karst survey activities associated with Incident Number nAPP2500345021 and proposing to address the current sensitive Site receptor (depth to water ground water) of the subject matter release prior to beginning excavation activities and prior to submitting a *Closure or Deferral Request*.

The original *Remediation Work Plan*, dated June 17, 2025, was denied by the New Mexico Oil Conservation Division (NMOCD) on June 25, 2025, for the following reasons:

- 1) A detailed description of remediation measures should be included per 19.15.29.12(C) NMAC. Nothing regarding the liner is mentioned including the liner inspection that was conducted on 1/17/25. If liner was deficient state so and address what is being done to remedy this.
- 2) Ensure lateral delineation completed west of BH08 on the west side of tank battery where contaminants left containment.
- 3) Photos 37 and 38 show holes being cut in the liner for BH01 and BH02 but on Figure 2 the locations of BH01 and BH02 are shown outside of tank battery. Update Figure or explain.
- 4) Chain of custody for samples collected on 1/20/25 on pg. 159 has every sample number crossed out and replaced with another. Explain what happened here.
- 5) Referring to Figure 2, you have SS04 listed in two different locations. Update.
- 6) On pg. 3 you say the karst survey was commissioned March 3, 2024. Did you mean 2025? Update.
- 7) Under the Site Characterization portion of the C-141 application, the minimum distances to the following are incorrect and should be updated upon application resubmittal: any lakebed, sinkhole, or playa lake (½-1 mile S) and a wetland (1000 ft-1/2 mile SE).
- Resubmit remediation plan to the OCD by 8/25/25.

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Park Highway | Carlsbad, NM 88220 | ensolum.com



This RRWP addresses concerns held by the NMOCD and proposes to complete sensitive receptor assessments and complete excavation of impacted soil based on the final outcome of the sensitive receptor assessments.

BACKGROUND

The Site is located in Unit I, Section 12, Township 21 South, Range 28 East, in Eddy County, New Mexico (32.49261°, -104.03392°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 3, 2025, an equipment failure resulted in the release of approximately 1,532 barrels (bbls) of crude oil and 383 bbls of produced water into a lined secondary containment and onto the pad surface; 1,532 bbls of crude oil and 245 of produced water were recovered, 138 bbls of produced water were unrecoverable. San Mateo reported the release to the NMOCD via the NMOCD portal on January 3, 2025, and submitted a Release Notification Form C-141 (Form C-141) on January 3, 2025. The release was assigned Incident Number nAPP2500345021.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Site Assessment/Characterization is described below. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 322850104014201, located approximately 4,618 feet southeast of the Site. The well had a reported depth to groundwater of 135.86 below ground surface (bgs) (measured on February 23, 2021) and a total depth of 160 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, known karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 1,953 feet southeast of the Site.

The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is potentially underlain by unstable geology (medium potential karst designation area). Site receptors are identified on Figure 1.

On March 3, 2025, Ensolum commissioned a geophysical karst survey using a BLM approved third-party cave/karst contractor. The karst survey was conducted by Southwest Geophysical Consulting, LLC, under the supervision of Dave Decker. The findings of the report I indicated there was no evidence of karst features within 200 feet of the release or beneath the Site and determined the underlying geology appears to be stable. The karst survey report is included in Appendix B. Based on the findings of the karst survey, unstable geology and/or potential conduits to groundwater through karst features appear to be absent and as such, San Mateo respectfully requests the medium karst potential not be considered as a sensitive Site receptor.



Based on the results of the desktop Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) *currently* apply:

Benzene: 10 milligrams per kilogram (mg/kg)

Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg

Total petroleum hydrocarbons (TPH): 100 mg/kg

Chloride: 600 mg/kg

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on January 8, 2025, Ensolum personnel were onsite to delineate the lateral and vertical extent of the release as indicated by field observations and information provided in the C-141. Eleven lateral soil samples (SS01, SS02, SS02B, SS03, SS03A, SS04 through SS08, and SS10) were collected at ground surface, preliminary soil sample name SS09 was skipped during this delineation soil sampling event. A total of 12 boreholes (BH01 through BH12) were advanced via hand auger, track hoe, core drill, and a Geoprobe® 7822DT direct-push technology (DPT) rig within the release extent to assess the vertical extent of the release. Boreholes BH01 through BH12 were advanced to depths ranging from 1-foot to 57.5 feet bgs.

A liner integrity inspection was conducted on January 17, 2025, and six holes were found in the liner. Boreholes BH03 through BH08 were advanced within the secondary lined containment area utilizing a hand auger, core drill, and a Geoprobe® 7822DT DPT rig to determine the vertical extent of impacted and waste containing soil beneath the lined secondary containment area. Borehole BH03 was advanced to a depth of 1.5 feet bgs, borehole BH04 was advanced to a depth of 14 feet bgs, borehole BH05 was advanced to a depth of 1-foot bgs, borehole BH06 was advanced to a depth of 7 feet bgs, borehole BH07 was advanced to a depth of 15 feet bgs, and borehole BH08 was advanced to a depth of 3 feet bgs. A section of the south containment wall was removed to allow the Geoprobe® 7822DT direct-push technology (DPT) rig to be brought in to advance the delineation of boreholes BH04 and BH07 to their terminal depths. After the delineation inside the secondary containment area was completed, all holes were patched by Ensolum personnel and Dupree Energy LLC.

Boreholes BH01, BH02, and BH09 through BH12 were advanced outside of the lined containment area within the release extent via hand auger, track hoe, core drill, and a Geoprobe® 7822DT DPT rig. Borehole BH01 was advanced to a depth of 35 feet bgs, borehole BH02 was advanced to a depth of 15 feet bgs, borehole BH09 was advanced to a depth of 1-foot bgs, borehole BH10 was advanced to a depth of 3 feet bgs, and boreholes BH11 and BH12 were advanced to a depth of 57.5 feet bgs.

On July 29, 2025, Ensolum personnel returned to the Site to collect lateral soil samples SS09 and SS11 to determine the lateral extent of the release to the west of the tank battery.

All delineation soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. Photographic documentation of delineation activities is included in Appendix D.

All soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States



Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Through the assessment and delineation process, the following nomenclature changes were applied on laboratory chain of custodies:

- Sample SS07 collected and submitted to Envirotech, under work order number E501057 on January 8, 2025, was collected as a step out sample due to SS03 failing to meet Site Closure Criteria at ground surface. This sample was renamed SS03A to prevent confusion in the numbering sequence of the preliminary soil samples.
- Samples collected and submitted to Envirotech, under work order number E501137 on January 17, 2025, were initially submitted as samples BH01 through BH06. Sample names BH01 and BH02 had previously been used for samples collected on January 13, 2025. Ensolum personnel called Envirotech to remedy this mistake so sample locations BH01 through BH06 collected on January 17, 2025, were renamed as BH03 through BH08.
- Sample BH11 20' collected and submitted to Envirotech, under work order number E504231 on April 21, 2025, was mislabeled while filling the chain of custody. This error was corrected by the sampler prior to submission to the lab.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated:

- All COC concentrations for lateral delineation soil samples SS01, SS02B, SS03A, and SS04 through SS11 were all in compliance with the strictest Closure Criteria at ground surface.
- COCs within soil from borehole BH01 were in compliance with the strictest Closure Criteria at 25 feet bgs.
- Boreholes BH02 and BH07 were in compliance with the strictest Closure Criteria at 15 feet bgs.
- Borehole BH04 was in compliance with the strictest Closure Criteria at 14 feet bgs.
- Borehole BH03 contained concentrations of TPH in soil exceeded the Site Closure Criteria at ground surface and concentrations of chloride exceeded in soil the Site Closure Criteria from ground surface to 1.5 feet bgs.
- Borehole BH05 contained concentrations of chloride exceeding the Site Closure Criteria from ground surface to 1-foot bgs.
- Borehole BH06 contained concentrations of chloride exceeding the Site Closure Criteria from ground surface to 7 feet bgs.
- Boreholes BH08 and BH10 were in compliance with the strictest Closure Criteria at 3 feet bgs;
- Borehole BH09 was in compliance with the strictest Closure Criteria at ground surface.
- Boreholes BH11 and BH12 contained concentrations of chloride exceeding the Site Closure Criteria from ground surface to 57.5 feet bgs.

Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix E.



PROPOSED REMEDIATION WORK PLAN

San Mateo proposes to complete excavation activities at the Site according to the following actions:

- San Mateo intends to complete a depth to water soil boring to establish depth to groundwater within a 1/2-mile radius of the Site. The soil boring will be advanced to a depth of approximately 101 feet bgs and install temporary casing. The soil boring will be left open for at least 72 hours to allow for potential ground water to equilibrate within the casing and measured utilizing a water interface probe.
- Upon completion of the depth to water boring and confirmation groundwater beneath the Site is
 greater than 51 feet bgs or greater than 101 feet bgs, excavate impacted and waste containing
 soil to a depth determined by the re-evaluated Site Closure Criteria based solely on
 determination of depth to groundwater and the absence of any other sensitive receptor related
 to the Site. San Mateo believes these actions will be equally protective of human health, the
 environment, and groundwater.
- The excavation will be completed with mechanical equipment, and the proposed excavation
 extent and depths are depicted on Figures 3a and 3b. Figure 3a depicts the proposed excavation
 extent if no sensitive Site receptors are associated with the Site and depth to groundwater is
 greater than 51 feet bgs. Figure 3b depicts the proposed excavation extent if sensitive Site
 receptors are found at the Site (groundwater depth less than 50 feet bgs), utilizing the strictest
 Closure Criteria.
- The impacted areas range from 48 square feet (sq ft) to 9,013 sq ft in size and an estimated 283 cubic yards of impacted soil will require excavation, assuming no sensitive receptors are associated with the Site and depth to groundwater is confirmed to be greater than 101 feet bgs, respectively. This work will include addressing TPH impacts and waste containing soil identified in boreholes BH01, BH02, and BH010 through BH12 at ground surface, see Figure 2.
- Impacted soil and waste containing soil will be transferred to an approved landfill facility for disposal.
- Following the removal of impacted and waste containing soil, Ensolum personnel will collect 5-point composite soil samples representing no more than 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The excavation soil samples will be collected, handled, and analyzed following the same procedures as described above.
- The excavation will be backfilled and recontoured to match pre-existing conditions.
- Delineation soil sample locations BH11 and BH12 will be advanced to vertically delineate to the strictest Closure Criteria.
- If there are areas to be deferred on pad due to the presence of equipment and/or pipelines, such
 as those under the lined secondary containment, lateral delineation samples will be collected to
 properly quantify the residual soil impacts that will be addressed during major Site reconstruction
 or following plugging and abandonment of the well and reclamation of the well pad.

Matador believes the deficiencies identified by NMOCD in the June 25, 2025, denial have been adequately addressed in this RRWP and will be protective of human health, the environment, and groundwater. Matador will complete the proposed excavation and soil sampling activities within 180 days of the date of approval of this RRWP by the NMOCD.



If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely, **Ensolum**, **LLC**

Chad Hamilton
Project Geologist

Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

cc: Jason Touchet, San Mateo Stebbins Water Management, LLC

Appendices:

Figure 1	Site Receptor Map
ridule i	Site Receptor Map

Figure 2 Delineation Soil Sample Locations Figure 3 Proposed Excavation Extent

Table 1 Soil Sample Analytical Results (Delineation Soil Samples)

Appendix A Well Log and Record

Appendix B Karst Survey

Appendix C Lithologic Soil Sampling Logs

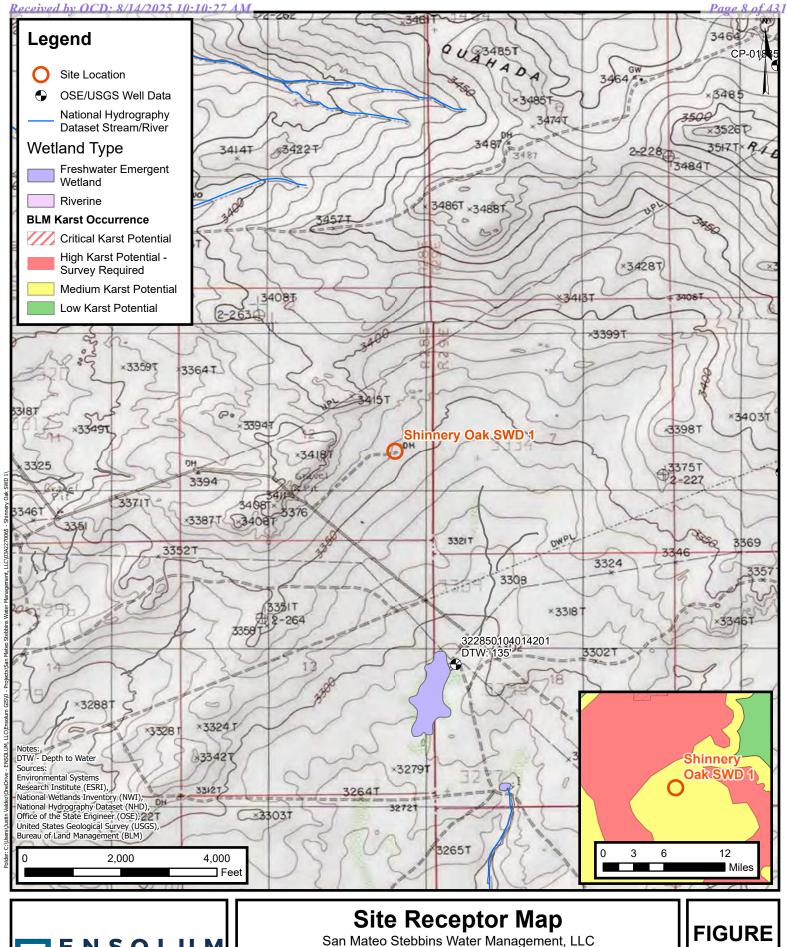
Appendix D Photographic Log

Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix F NMOCD Correspondence



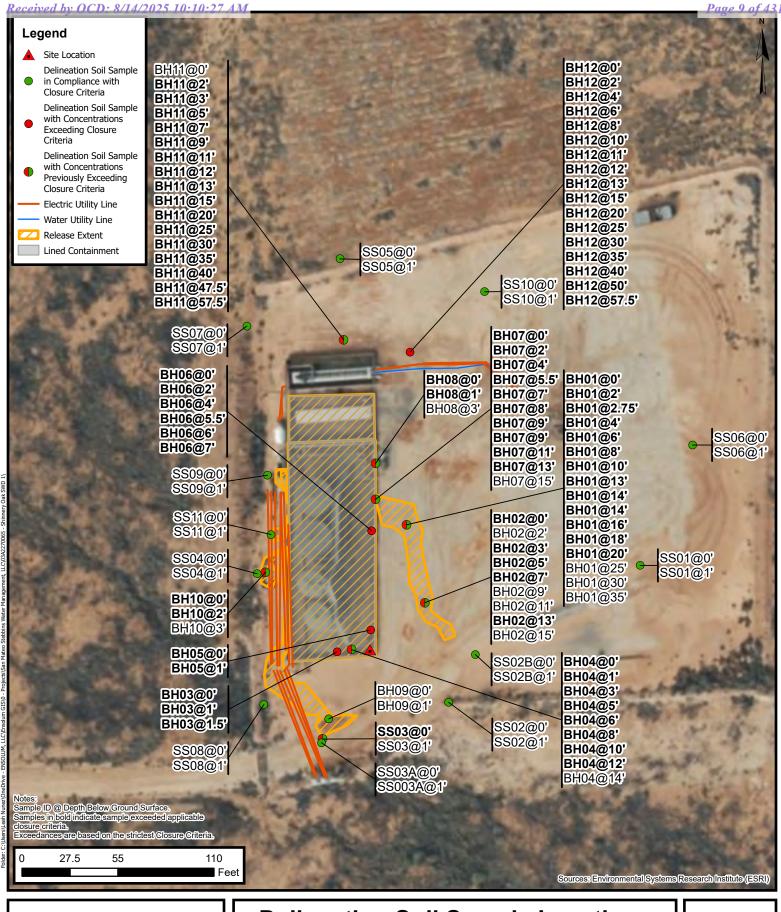
FIGURES





Shinnery Oak SWD 1 Incident Number: nAPP2500345021 Unit I, Section 12, T 21S, R 28E Eddy County, New Mexico

Released to Imaging: 8/19/2025 4:15:43





Delineation Soil Sample Locations

San Mateo Stebbins Water Management, LLC
Shinnery Oak SWD 1
Incident Number: nAPP2500345021
Unit I, Section 12, T 21S, R 28E
Eddy County, New Mexico

FIGURE 2





Proposed Excavation Extent

San Mateo Stebbins Water Management, LLC
Shinnery Oak SWD 1
Incident Number: nAPP2500345021
Unit I, Section 12, T 21S, R 28E
Eddy County, New Mexico

FIGURE 3a

Released to Imaging: 8/19/2025 4:15:43 PM





Proposed Excavation Extent

San Mateo Stebbins Water Management, LLC
Shinnery Oak SWD 1
Incident Number: nAPP2500345021
Unit I, Section 12, T 21S, R 28E
Eddy County, New Mexico

FIGURE 3b



TABLES



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS** Shinnery Oak SWD 1

San Mateo Stebbins Water Management, LLC

Eddy	County,	New Me	EXICO

				Eddy	County, New M	exico			 	
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
	re Criteria (NMAC 19.15 dwater greater than 101	5.29) reflective of depth 1 feet bgs	10	50	NE	NE	NE	1,000	2,500	20,000
				Delin	eation Soil Sar	nples				
SS01	4/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	541
SS01	4/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	4/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.2
SS02	4/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	169
SS02B	1/9/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.1
SS02B	1/9/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	240
SS03	1/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,820
SS03	1/8/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	344
SS03A	1/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS003A	1/8/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	1/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.4
SS04	1/8/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	1/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.3
SS05	1/21/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	4/22/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	264
SS06	4/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.2
SS07	1/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	112
SS07	1/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	173
SS08	1/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.4
SS08	1/8/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	24.2
SS09	7/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
SS09	7/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	208
SS10	1/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	221
SS10	1/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	251
SS11	7/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	60.8
SS11	7/29/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	253
BH01	1/13/2025	0	<0.0250	<0.0500	<20.0	1,830	584	1,830	2,414	4,740
BH01	1/13/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,020
BH01	1/21/2025	2.75	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,500
BH01	1/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,840
BH01	1/28/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,940



SOIL SAMPLE ANALYTICAL RESULTS

Shinnery Oak SWD 1

San Mateo Stebbins Water Management, LLC

				Eddy	County, New M	exico				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
	re Criteria (NMAC 19.15 dwater greater than 10	5.29) reflective of depth 1 feet bgs	10	50	NE	NE	NE	1,000	2,500	20,000
				Delir	eation Soil San	nples		<u>'</u>		
BH01	1/28/2025	8	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,310
BH01	1/28/2025	10	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,140
BH01	1/28/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,820
BH01	1/28/2025	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,320
BH01	1/28/2025	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,320
BH01	4/17/2025	16	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
BH01	4/17/2025	18	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,100
BH01	4/17/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	795
BH01	4/17/2025	25	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	545
BH01	4/17/2025	30	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	548
BH01	4/17/2025	35	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	360
BH02	1/13/2025	0	<0.0250	<0.0500	<20.0	146	54.8	146	201	6,950
BH02	1/13/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	461
BH02	1/13/2025	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,420
BH02	4/17/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,170
BH02	4/17/2025	7	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	860
BH02	4/17/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	578
BH02	4/17/2025	11	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	517
BH02	4/17/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	624
BH02	4/17/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	378
BH03	1/17/2025	0	1.43	11.3	112	3,590	1,210	3,702	4,912	9,270
BH03	1/17/2025	1	0.0255	0.0530	<20.0	<25.0	<50.0	<25.0	<50.0	2,450
BH03	1/17/2025	1.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,800
BH04	1/17/2025	0	5.01	148.71	720	15,600	4,680	16,320	21,000	1,410
BH04	1/17/2025	1	0.0642	0.559	<20.0	445	146	445	591	409
BH04	1/20/2025	3	<0.0250	0.0517	<20.0	53.0	<50.0	53.0	53.0	874
BH04	1/20/2025	5	<0.0250	<0.0500	<20.0	240	141	240	381	1,110
BH04	1/24/2025	6	<0.0250	<0.0500	<20.0	35	<50.0	35.2	35.2	1,310
BH04	4/17/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,150
BH04	4/17/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	925
BH04	4/17/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,520
BH04	4/17/2025	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	432



SOIL SAMPLE ANALYTICAL RESULTS

Shinnery Oak SWD 1

San Mateo Stebbins Water Management, LLC

				Eddy	/ County, New M	exico				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
	re Criteria (NMAC 19.19 dwater greater than 10	5.29) reflective of depth 1 feet bgs	10	50	NE	NE	NE	1,000	2,500	20,000
		<u> </u>		Delir	neation Soil Sar	nples		<u>'</u>		
BH05	1/17/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,710
BH05	1/17/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,330
BH06	1/17/2025	0	<0.0250	0.0539	<20.0	<25.0	<50.0	<25.0	<50.0	6,560
BH06	1/17/2025	2	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	993
BH06	1/17/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,710
BH06	1/20/2025	5.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,390
BH06	1/24/2025	6	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,440
BH06	1/24/2025	7	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,090
BH07	1/17/2025	0	1.88	16.7	152	2,350	798	2,502	3,300	995
BH07	1/17/2025	2	<0.0250	0.054	<20.0	<25.0	<50.0	<25.0	<50.0	1,870
BH07	1/17/2025	4	<0.0250	0.054	<20.0	<25.0	<50.0	<25.0	<50.0	1,180
BH07	1/20/2025	5.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,440
BH07	1/24/2025	7	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,230
BH07	1/24/2025	8	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	992
BH07	1/24/2025	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	703
BH07	4/17/2025	9	<0.0250	<0.0500	<20.0	178	53.7	178	232	2,540
BH07	4/17/2025	11	<0.0250	<0.0500	<20.0	221	78.4	221	299	2,790
BH07	4/17/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	642
BH07	4/17/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	98.3
BH08	1/17/2025	0	0.0633	0.834	<20.0	348	143	348	491	6,330
BH08	1/17/2025	1	0.0313	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,980
BH08	1/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	499
BH09	1/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.8
BH09	1/21/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	1/21/2025	0	0.743	26.5	158	20,300	7,700	20,458	28,158	7,090
BH10	1/21/2025	2	<0.0250	0.429	<20.0	117	84	117	201	45.3
BH10	4/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH11	1/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	383
BH11	1/21/2025	2	<0.0250	< 0.0500	<20.0	6,080	57.3	6,080	6,137	1,190
BH11	1/21/2025	3	<0.0250	<0.0500	<20.0	550	<50.0	550	550	1,670
BH11	1/29/2025	5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,480



SOIL SAMPLE ANALYTICAL RESULTS

Shinnery Oak SWD 1

San Mateo Stebbins Water Management, LLC

Eddy County, New Mexico

				Eddy	/ County, New M	exico				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closur to ground	re Criteria (NMAC 19.15 dwater greater than 101		10	50	NE	NE	NE	1,000	2,500	20,000
				Delir	neation Soil San	nples				
BH11	1/29/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	983
BH11	1/29/2025	9	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,580
BH11	1/29/2025	11	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,910
BH11	1/29/2025	12	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,710
BH11	1/29/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,860
BH11	4/21/2025	15	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,360
BH11	4/21/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,480
BH11	4/21/2025	25	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,280
BH11	4/21/2025	30	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,350
BH11	4/21/2025	35	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,770
BH11	4/21/2025	40	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,500
BH11	4/21/2025	47.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,210
BH11	4/22/2025	57.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	830
BH12	1/21/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	17,700
BH12	1/21/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,550
BH12	1/29/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,070
BH12	1/29/2025	6	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,010
BH12	1/29/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,320
BH12	1/29/2025	10	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,330
BH12	1/29/2025	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,280
BH12	1/29/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,070
BH12	1/29/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,400
BH12	4/21/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,710
BH12	4/21/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,820
BH12	4/21/2025	25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,080
BH12	4/21/2025	30	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,660



SOIL SAMPLE ANALYTICAL RESULTS

Shinnery Oak SWD 1

San Mateo Stebbins Water Management, LLC

Eddy County, New Mexico

				Luu	County, New Mic	AICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
	re Criteria (NMAC 19.15 dwater greater than 101	5.29) reflective of depth I feet bgs	10	50	NE	NE	NE	1,000	2,500	20,000
				Delir	neation Soil San	nples				
BH12	4/21/2025	35	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,340
BH12	4/22/2025	40	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,210
BH12	4/22/2025	50	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,900
BH12	4/22/2025	57.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,680

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed expected Closure Criteria

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]quot;<": Laboratory Analytical result is less than reporting limit

^{*} Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



APPENDIX A

Well Log and Record



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Groundwater United States **∨** GO

Click to hideNews Bulletins

• Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 322850104014201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322850104014201 21S.29E.18.13320

Eddy County, New Mexico

Latitude 32°28'49.33", Longitude 104°01'47.78" NAD83

Land-surface elevation 3,289 feet above NAVD88

The depth of the well is 160 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

			Jutput 1011	iiats		
Table of data						
Tab-separated data						
Graph of data						
Reselect period						
	?	Water	Water			

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1948-12-30		D	62610		3152.26	NGVD29	1	Z		
1948-12-30		D	62611		3153.88	NAVD88	1	Z		
1948-12-30		D	72019	135.12			1	Z		
1983-02-17		D	62610		3153.59	NGVD29	1	Z		
1983-02-17		D	62611		3155.21	NAVD88	1	Z		
1983-02-17		D	72019	133.79			1	Z		
1987-10-15		D	62610		3152.48	NGVD29	1	Z		
1987-10-15		D	62611		3154.10	NAVD88	1	Z		
1987-10-15		D	72019	134.90			1	Z		
1992-12-10		D	62610		3154.45	NGVD29	1	S		
1992-12-10		D	62611		3156.07	NAVD88	1	S		
1992-12-10		D	72019	132.93			1	S		
1998-01-27		D	62610		3150.21	NGVD29	1	S		
1998-01-27		D	62611		3151.83	NAVD88	1	S		
1998-01-27		D	72019	137.17			1	S		
2015-12-16	23:40 UTC	m	62610		3153.24	NGVD29	1	S	USGS	
2015-12-16	23:40 UTC	m	62611		3154.86	NAVD88	1	S	USGS	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
2015-12-16	23:40 UTC	m	72019	134.14			1	S	USGS	
2021-02-23	18:00 UTC	m	62610		3151.52	NGVD29	1	S	USGS	
2021-02-23	18:00 UTC	m	62611		3153.14	NAVD88	1	S	USGS	
2021-02-23	18:00 UTC	m	72019	135.86			1	S	USGS	
2022-01-10	23:00 UTC	m	62610			NGVD29	6	S	USGS	
2022-01-10	23:00 UTC	m	62611			NAVD88	6	S	USGS	
2022-01-10	23:00 UTC	m	72019				6	S	USGS	

_	- 1 -		
ŁΧ	pla	na	tio

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	6	Measurement unable to be obtained due to local conditions
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2025-05-20 15:56:33 EDT

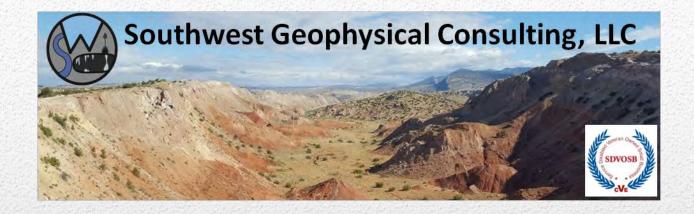
0.31 0.23 nadww02





APPENDIX B

Karst Survey



Environmental Karst Study Report Shinnery Oak SWD 1 Release Eddy County, New Mexico

Prepared For:
Ensolum, LLC
3122 National Parks Highway
Carlsbad, NM 88220

☐ Positive	within 200	feet of	spill	deline	eation	bound	ary

☑ Negative within 200 feet of spill delineation boundary

☑ Stable **☐** Unstable Ground

☐ Karst Monitor Recommended

April 28, 2025

ENS-007-20250303

©2025 – Southwest Geophysical Consulting, LLC. All rights reserved.

Published by:

Southwest Geophysical Consulting, LLC 5117 Fairfax Dr. NW Albuquerque, NM 87114 (505) 585-2550 www.swgeophys.com

Prepared by:

Britt Bommer Field Geologist britt@swgeophys.com

Reviewed by:

David Decker, PhD, PG, CPG CEO, Principal Geologist dave@swgeophys.com

Prepared for:

Ensolum, LLC 3122 National Parks Highway Carlsbad, NM 88220

> Tracy Hillard (575) 937-3906 thillard@ensolum.com

MMXXV

TABLE OF CONTENTS

FRONT MATTER	i
TABLE OF CONTENTS	ii
LIST OF FIGURES	iii
LIST OF TABLES	iii
1.0 INTRODUCTION	1
1.1 Goals of this Study	
1.2 Summary of Findings	
1.3 Affected Environment	
1.4 Limitations of Report	3
2.0 LOCATION AND DESCRIPTION OF STUDY AREA	4
2.1 Description of Site	4
2.2 Local Geology Summary	5
2.3 Description of Survey	6
2.3.1 Surface Karst Inventory	6
2.3.2 Geophysical Survey	8
3.0 RESULTS	10
3.1 Surface Karst Survey	
3.2 Geophysical Survey	11
4.0 DISCUSSION	12
5.0 SUMMARY	14
6.0 DISCLOSURE STATEMENT	14
7.0 REFERENCES	16
8.0 GLOSSARY OF TERMS	17
9.0 ATTESTATION	19

LIST OF FIGURES

Figure 1: Karst occurrence zone overview	. 2
Figure 2: Land ownership and PLSS overview	. 4
Figure 3: Geology overview	. 5
Figure 4: Surface survey overview	. 6
Figure 5: Geophysical survey overview	. 8
Figure 6: Surface karst survey results	10
Figure 7: 2D inverted resistivity sections	11
Figure 8: Data overlay	13
LIST OF TABLES	
Table 1: Survey Line Data Table	. 9
Table 2: Software Information and Settings	. 9

1.0 INTRODUCTION

This report was commissioned by Ensolum, LLC (hereinafter referred to as "the client"), on March 3, 2025, for the purpose of conducting an environmental karst study within an area encompassing the Shinnery Oak SWD 1 Release site (hereinafter termed "SOS1") centered at N 32.492784° W 104.034022°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC^[1]) and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions^[2]) within the spill boundary of the Shinnery Oak SWD 1 Release using electrical resistivity imaging^[3].

1.2 Summary of Findings

- No surface karst features exist within the 200-foot (61-meter) zone surrounding the spill delineation boundary.
- No anomalies consistent with air-filled voids are located within the SOS1 resistivity survey area, indicating the zone beneath the geophysical survey is not subject to collapse.
- Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.

1.3 Affected Environment

The SOS1 project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)^[5] (**Figure 1**).

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff [4].

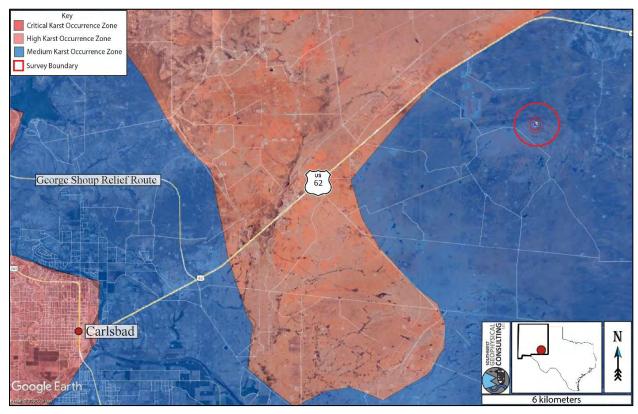


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 13, 2024. Image datum: WGS-84.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Ensolum, LLC, in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results should be conducted in the field prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond two years past the dates of the field work provided in section **2.3 Description of Survey**. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 20.1 kilometers (12.5 miles) northeast of Carlsbad, New Mexico, south of Highway 62 and along Landfill Road. The release area is located within section 12 of NM T21S R28E^[6] (Figure 1 and Figure 2). The region has rolling terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock^[7] (see section *2.2 Local Geology Summary* for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within an MKOZ^[5] (Figure 1) and BLM-CFO managed land^[10] (Figure 2).



Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: August 13, 2024. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the SOS1 survey is located west of Nash Draw at an elevation of 1,024 meters (3,360 feet), $\pm 4 \text{ meters}$ (13 feet). This region is entirely underlain by the Permian Rustler Formation (Pru – not shown as it does not outcrop at the surface in this area). The area is mantled by thin gypsiferous soils (gypsite), and Quaternary eolian (Qe) and alluvial deposits $(Qal)^{[11]}$ up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karstforming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)^[12].

The Dewey Lake Formation overlies the Rustler Formation and is composed of calcite-cemented, hematite-stained quartz sand grains and occasional gypsum lenses and can, in favorable conditions, form cavernous porosity within 30 meters of the top of the Rustler^[12].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[13] and the Digital Geologic Map of New Mexico in ARC/INFO Format^[11].

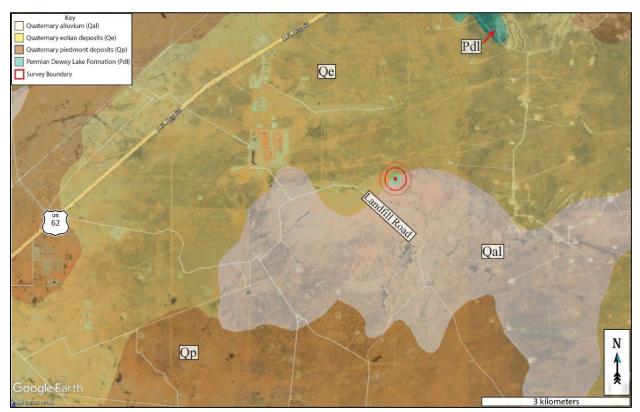


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: August 13, 2024. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Inventory

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The aerial karst survey includes a surface karst desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance^[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated August 13, 2024 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated March 20, 2025^[14]; the Tower Hill South, NM, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no previously recorded karst features within the 305-meter survey boundary.



Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: August 13, 2024. Datum: WGS-84.

Aerial karst surveys are conducted at low elevation within 200 meters of the spill delineation boundary^[4] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[15].

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on March 10, 2025. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Brit Bommer of Southwest Geophysical Consulting on April 4, 2025.

2.3.2 Geophysical Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting[™] Wifi R8 with a multielectrode switchbox, a 28-electrode array with 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of two resistivity lines in a dipole-dipole strong-gradient configuration; line one is laid out south to north while line two is laid out west to east. Both lines consisted of 28 electrodes at 5-meter spacing, resulting in 135meter-long arrays (**Figure 5**, **Table 1**). A preconfigured command file was used to run the data collection (DDSG28). This electrode configuration provided a depth of investigation of 27 meters (89 feet) and a resolution of 2.5 to 3.0 meters (8.2 to 9.8 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

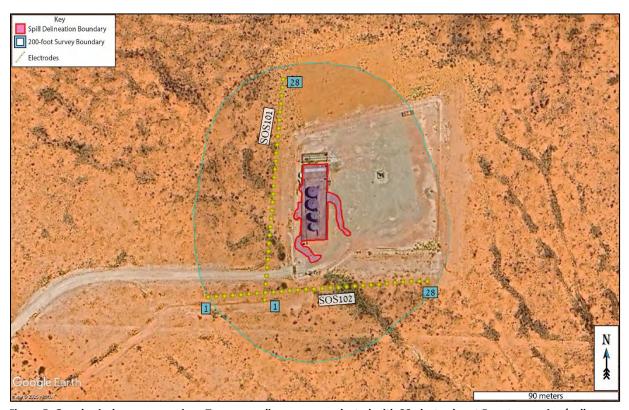


Figure 5: Geophysical survey overview. Two survey lines were conducted with 28 electrodes at 5-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: August 13, 2024. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files SOS1 _ERI_Points.xlsx and ENS-007-20250303_SOS1_Data_Files.kmz.

File Name:	Completed By:	Date:
SOS101.kmz	Garrett Jorgensen Olague – Senior Field Geologist	4/0/2025
SOS102.kmz	Britt Bommer – Field Geologist Michael Jones – Field Geologist	4/8/2025

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of "stable" or "unstable" ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was "average apparent resistivity" and a default inversion setting of "surface," with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω -m) and a max apparent resistivity set to 100,000 Ω -m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager [™] 2D		
Version:	2.4.4.649		
Starting Model:	Average Apparent Resistivity		
Default Inversion Settings:	Surface		
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m		
	Min Apparent Resistivity = 0.1Ω -m		

Note: Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

All field work, including setup, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, and Michael Jones on April 8, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and aerial surface karst survey showed no surface karst features within the 200-foot (61-meter)^[1] or 200-meter survey area surrounding the spill delineation boundary (Figure 6).

No springs exist within the 305-meter survey boundary (Figure 6).

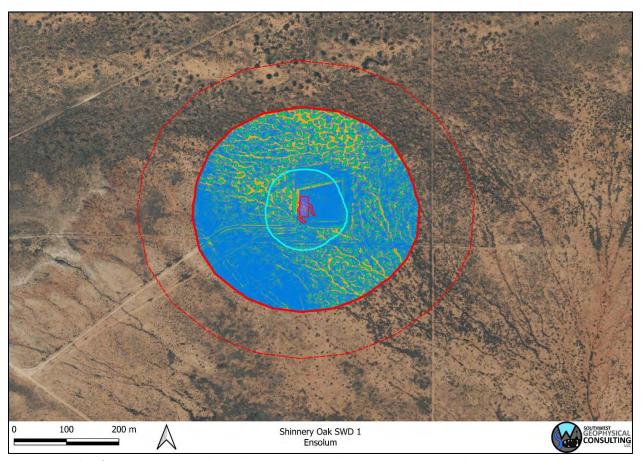


Figure 6: Aerial surface karst survey results. Background image credit: Google Earth. Image date: August 13, 2024. Image datum: WGS-84.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a well-layered geologic system with resistivities between 5 and 481 Ohm-m (**Figure 7**). Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

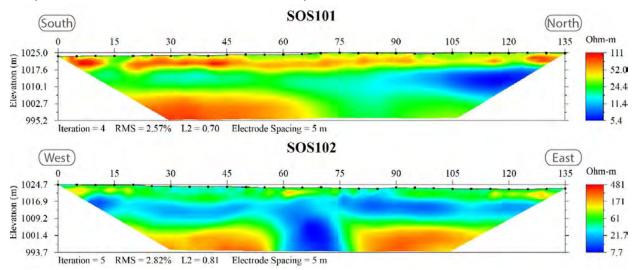


Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative.

4.0 DISCUSSION

No surface karst features are known to exist within one kilometer of the project site, and none were located during this survey. No anomalies consistent with air-filled subsurface voids are found within the SOS1 survey area. However, small solutionally enlarged voids or fractures at or near the resolution limit of the survey (2.5 - 3.0 meters) may be present. Slightly higher-than-average resistivity areas less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils. Due to their low resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts. Areas of moderate resistivity (yellows, and greens) near the surface are interpreted as dry gypsite soils and gypsum bedrock of the Rustler Formation^[16] (**Figure 7** and **Figure 8**).

The low-resistivity areas between 5.4 and 22 Ohm-m are interpreted as a layer of either clays and halite lenses or moist or saturated layers within the Rustler Formation. (**Figure 7**). The low-resistivity vertical area in the middle of line SOS102 is interpreted as a surface-to-subsurface hydrologic pathway from the arroyo emanating from the south side of the pad (**Figure 7**).

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.** Employing a BLM-CFO approved karst monitor on site during any drilling and/or remediation activities should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (2.5–3.0 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work.

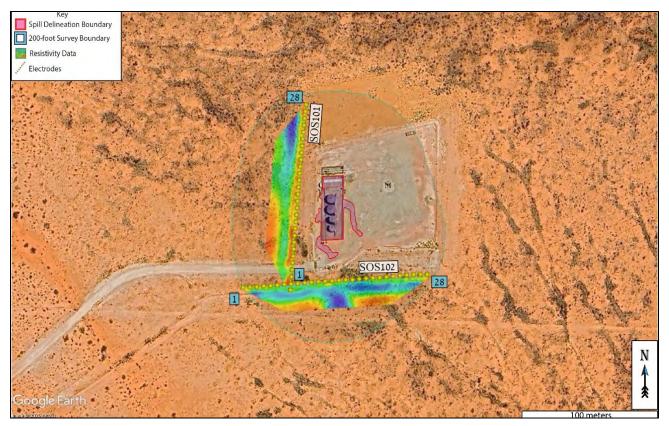


Figure 8: Data overlay. Colored trapezoids are the 2D inverted resistivity line. Background image credit: Google Earth. Image date: August 13, 2024.

5.0 SUMMARY

- The SOS1 survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary (or within the 305-meter survey boundary).
- No shallow anomalies interpreted as large voids or related karst features that would present a danger to equipment operators are located within the survey area.
- Intercepting a void during remediation is unlikely, but still possible. Small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered.
- Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

6.0 DISCLOSURE STATEMENT

Karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports commissioned at the request of the land manager should be submitted to:

BLM-CFO: blm nm karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

7.0 REFERENCES

- Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).
- 2 NMSLO. (ed Oil Conservation Division) (New Mexico State Land Office, Santa Fe, NM, 2018).
- Decker, D. & Jorgensen, G. L. *Environmental Karst Surveys White Paper* (Southwest Geophysical Consulting, LLC, 2024).
- 4 Goodbar, J. R. Vol. BLM Management Handbook H-8380-1 (ed Carlsbad Field Office) 59 (Bureau of Land Management, Denver, CO, 2015).
- Decker, D., Trautner, E. & Palmer, R. (Bureau of Land Management Carlsbad Field Office, 2025).
- 6 Earthpoint. *Earthpoint Tools for Google Earth,* https://www.earthpoint.us/Townships.aspx (2022).
- Decker, D. D., Land, L. & Luke, B. Characterization of Playa Lakes in the Gypsum Karst of Southeastern New Mexico and West Texas, USA. *Oklahoma Geological Survey Circular* 113 113 (2021).
- 8 W.R.C.C. National Climate Data Center 1981-2010 Normal Climate Summary for Carlsbad, New Mexico (291469), 2010).
- 9 Whitehead, W. & Flynn, C. *Plant Utilization in Southeastern New Mexico: Botany, Ethnobotany, and Archaeology.* (Bureau of Land Management, Carlsbad Field Office, 2017).
- 10 NMSLO. Digital overlay (KML) of the surface land ownership in New Mexico (New Mexico State Land Office, Santa Fe, NM, 2024).
- Green, G. N. & Jones, G. E. *The Digital Geologic Map of New Mexico in ARC/INFO Format*, https://mrdata.usgs.gov/geology/state/state.php?state=NM> (1997).
- Austin, G. S. *Geology and mineral deposits of Ochoan rocks in Delaware Basin and adjacent areas*. Vol. Circular 159 (New Mexico Bureau of Mines and Mineral Resources, 1978).
- 13 Scholle, P. A. Geologic Map of New Mexico. (2003).
- Decker, D. D., Jorgensen, G. L. & Palmer, R. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2025).
- Whitehead, W., Bandy, M. & Decker, D. Protocol for Using UAV Photography for Rapid Assessment of Karst Features in Southeast New Mexico. *Proceedings of the 2022 Cave and Karst Management Symposium* (2022).
- Hill, C. A. Geology of the Delaware Basin, Guadalupe, Apache and Glass Mountains, New Mexico and West Texas. Vol. 96-39 (Permian Basin Section SEPM, 1996).

cave

8.0 GLOSSARY OF TERMS

AGI Advanced Geosciences Inc.

BLM-CFO Bureau of Land Management - Carlsbad Field Office

brecciated Fractured rock caused by faulting or collapse.

caprock-collapse sinkhole Collapse of roof-spanning rock into a cave or void.

cover-collapse sinkhole Collapse of roof-spanning soil or clay ground cover into a subsurface

void.

ERI Electrical Resistivity Imaging
GPS Global Positioning System

grike A solutionally enlarged, vertical, or sub-vertical joint or fracture.

(H) High confidence modifier for a PKF. This is typically reserved for a

feature that is definitely karst but has not been confirmed in the

Natural opening at the surface large enough for a person to enter.

field.

HKOZ High Karst Occurrence Zone

karst A landscape containing solutional features such as caves,

sinkholes, swallets, and springs.

(L) Low confidence modifier for a PKF. This is typically a feature that

cannot be ruled out as karst but is most likely NOT karst related.

This modifier may also be used for pseudokarst features.

(M) Medium confidence modifier for PKF. This is an ambiguous

feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes,

pseudokarst).

MKOZ Medium Karst Occurrence Zone
NCRC National Cave Rescue Commission

NKF Non-karst feature. Used for features originally identified as PKF

that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.

NMSLO New Mexico State Land Office

Ohm-meter, a unit of measurement for resistivity. Sometimes

abbreviated Ω -m.

paleokarst Previously formed karst features that have been filled in by

erosion and/or deposition of minerals.

Pat Permian Artesia Group

Pc Permian Capitan Formation
Pcs Permian Castile Formation

Pdl Permian Dewey Lake Formation

PKF Possible karst feature. This term is reserved for features

identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field

experience.

PLSS Public Land Survey System

Pqg Permian Queen/Greyburg Formation

Pru Permian Rustler Formation

pseudokarst Karst-like features (sinkholes, conduits, voids etc.) that are not

formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.

Psl Permian Salado Formation

Psr Permian Seven Rivers Formation

Pt Permian Tansill Formation
Py Permian Yates Formation
Out

Qal Quaternary alluvium

Qe Quaternary eolian deposits
Qp Quaternary piedmont deposits
Qpl Quaternary playa lake deposits

RKF Recognized karst feature. This term is reserved for karst features

that have been physically verified in the field.

SPAR Small Party Assisted Rescue sUAS Small, uncrewed aerial system

suffosion sinkhole Raveling of soil into a pre-existing void or fracture.

swallet A natural opening in the surface, too small for a person, that drains

water to an aquifer. Some are "open," meaning a void can be seen

below; some are "closed, "meaning they are full of sediment.

SWG Southwest Geophysical Consulting, LLC

UTM Universal Transverse Mercator (projected coordinates)

(V) Field verified modifier for a RKF. This indicates that the feature has

been visited by a qualified karst professional in the field and fully

identified

WGS World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist Southwest Geophysical Consulting, LLC 5117 Fairfax Dr. NW Albuquerque, NM 87114 dave@swgeophys.com (505) 585-2550

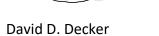
CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a
 Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy
 and operated, maintained, and installed various sensor systems including magnetic,
 electromagnetic, radar, communications, and acoustic systems in various capacities from 1986
 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of "qualified karst professional" set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of "qualified professional" for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number ENS-007-20250303 entitled, "Environmental Karst Study Report, Shinnery Oak SWD 1 Release, Eddy County, New Mexico." I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section 2.3 Description of Survey.

• I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, April 28, 2025.



PhD, CPG-12123

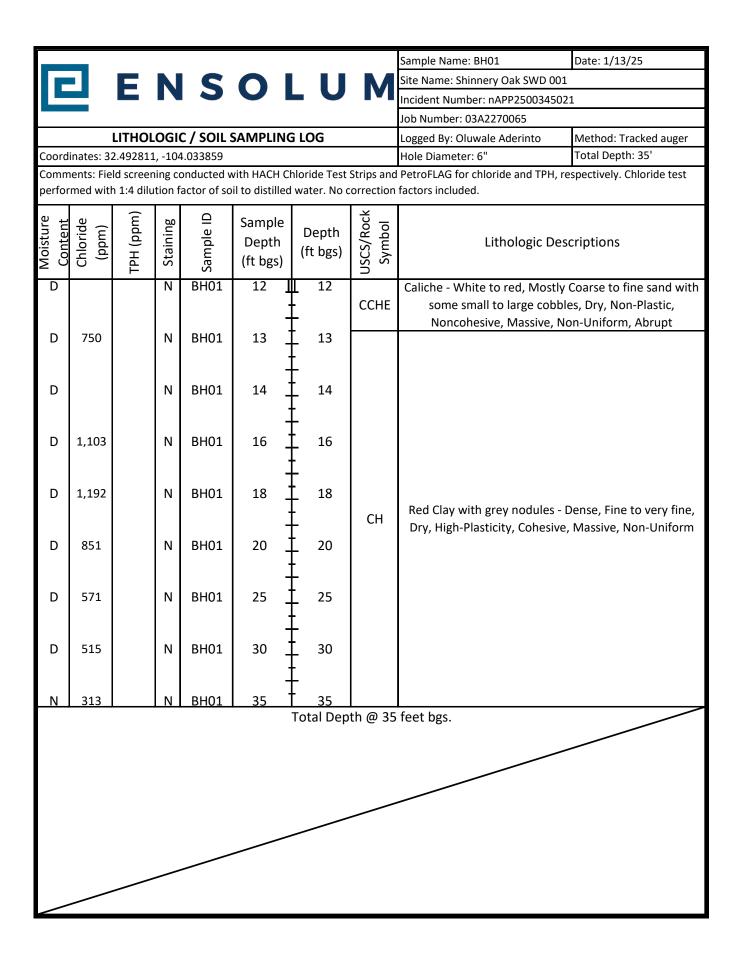




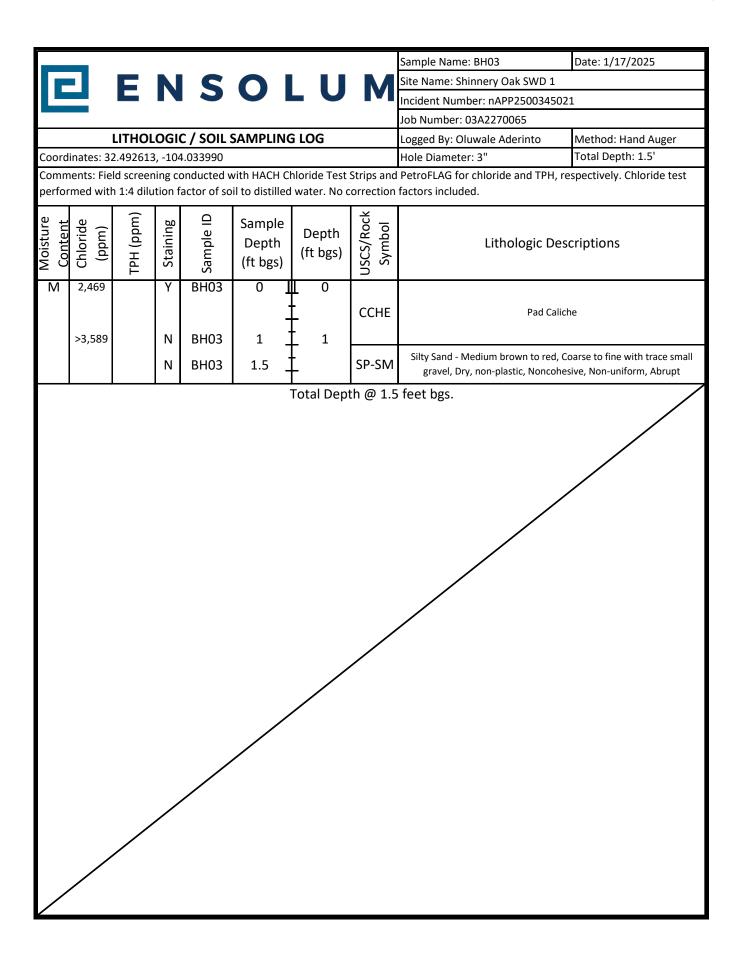
APPENDIX C

Lithologic Soil Sampling Logs

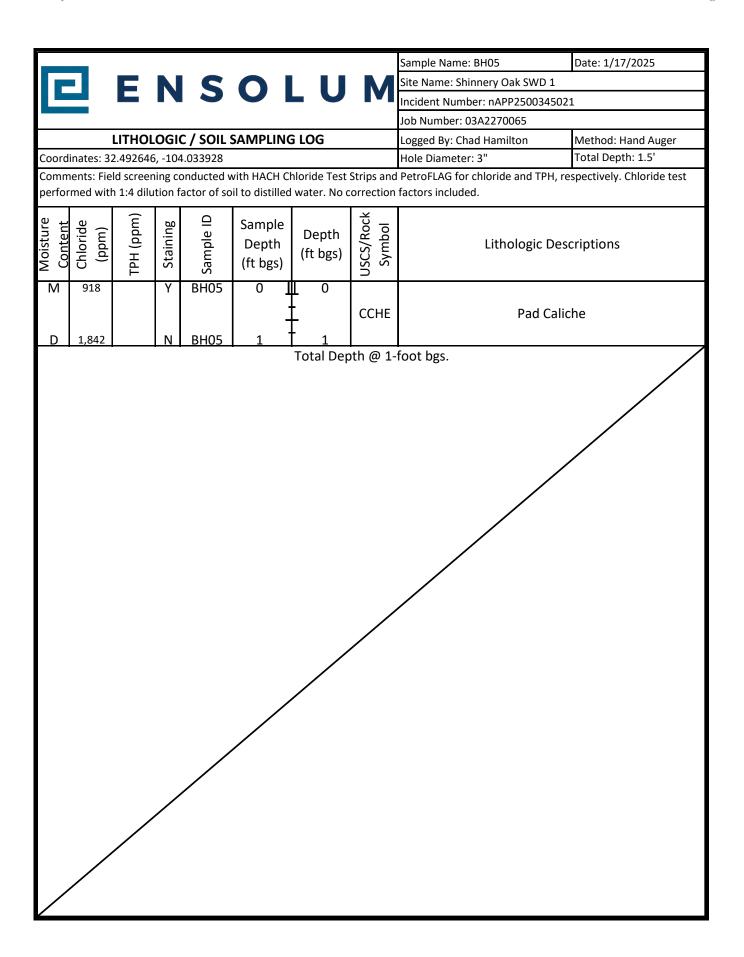
								Sample Name: BH01	Date: 1/13/25		
	7		N	C	0 1	Site Name: Shinnery Oak SWD 001					
								Incident Number: nAPP2500345021			
						Job Number: 03A2270065					
	l	LITHOL	OGI	C / SOIL S	SAMPLING	Logged By: Oluwale Aderinto	Method: Tracked Auger				
	inates: 32					Hole Diameter: 6"	Total Depth: 35'				
			_				PetroFLAG for chloride and TPH, r factors included.	respectively. Chloride test			
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
М	2,970		Υ	BH01	0]	0					
D	1,590		N	BH01	1 _	- - - 1 -	ССНЕ	Pad Cali	che		
D	1,266		N	BH01	2 _	2	SP-SM	trace small gravel, Dry, non-p	ilty Sand - Medium brown to red, Coarse to fine with ace small gravel, Dry, non-plastic, Noncohesive, Non-uniform, Abrupt		
D			N		3	3					
D	1,697		N		4 <u>-</u>	4					
D			N		5 _	5					
D	1,574		N		6 <u>-</u>	6					
D			N		7 _	7		Caliaba Maita to rad Masth	Coorse to fine sand with		
D	902		N		8 <u>-</u>	8	CCHE	Caliche - White to red, Mostly some small to large cobb Noncohesive, Massive, N	les, Dry, Non-Plastic,		
D	1,260		N		9 _	- - 9					
D	498		N		10	10					
D	750		N		11 _	11					
D			N		12	12					

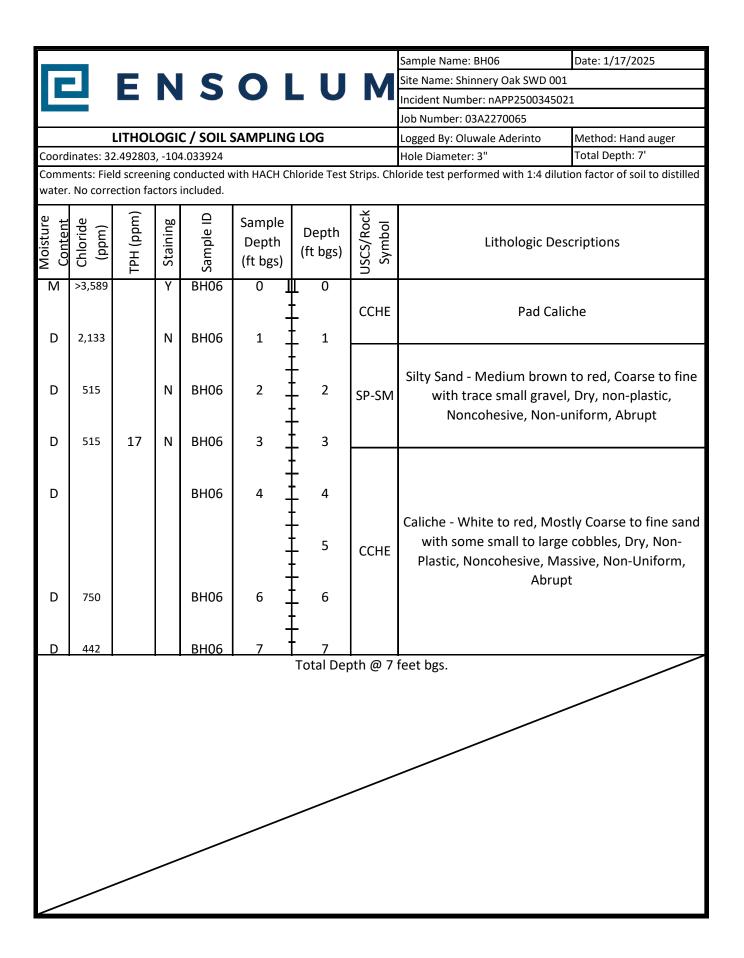


								Sample Name: BH02	Date: 1/13/25	
7	-						B .4	Site Name: Shinnery Oak SWD 00		
			N	5	0 1	Incident Number: nAPP2500345021				
								Job Number: 03A2270065		
		LITHOL	OGI	C / SOIL 6	SAMPLING		Mathad. Tradud avers			
Coord	inates: 32				DAIVIT LIIV	Logged By: Oluwale Aderinto Hole Diameter: 6"	Method: Tracked auger Total Depth: 15'			
					vith HΔCH C	hlorida Tast	Strins Chl	oride test performed with 1:4 dilu	·	
			_	included.	Millinaen ei	onde test performed with 1.4 dile	tion factor of son to distinct			
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
M	>3,590		Υ	BH02	0	0				
D	890		N	BH02	1 _	1	ССНЕ	Pad Cal	iche	
D	515		N	BH02	2	2	SP-SM	Silty Sand - Medium brown t trace small gravel, Dry, non-p uniform, A	lastic, Noncohesive, Non-	
D	1,170		N	BH02	3 _	3				
D	235		N	BH02	4	4				
D	1,192		N	BH02	5 _	5	ССНЕ	Caliche - White to red, Mostly some small to large cobb		
D	1,607		N	BH02	6	6	CCHE	Noncohesive, Massive, N		
D	705		N	BH02	7 <u>-</u>	7				
D	515	100	N	BH02	8 <u>-</u>	- 8				
D	1,103		N	BH02	9 _	9				
D	571		N	BH02	11 _	11	СН	Red Clay with grey nodules - Dense, Fine to very fine Dry, High-Plasticity, Cohesive, Massive, Non-Uniforn		
D	515		N	BH02	13	13				
D	358		N	BH02	15	- 15				

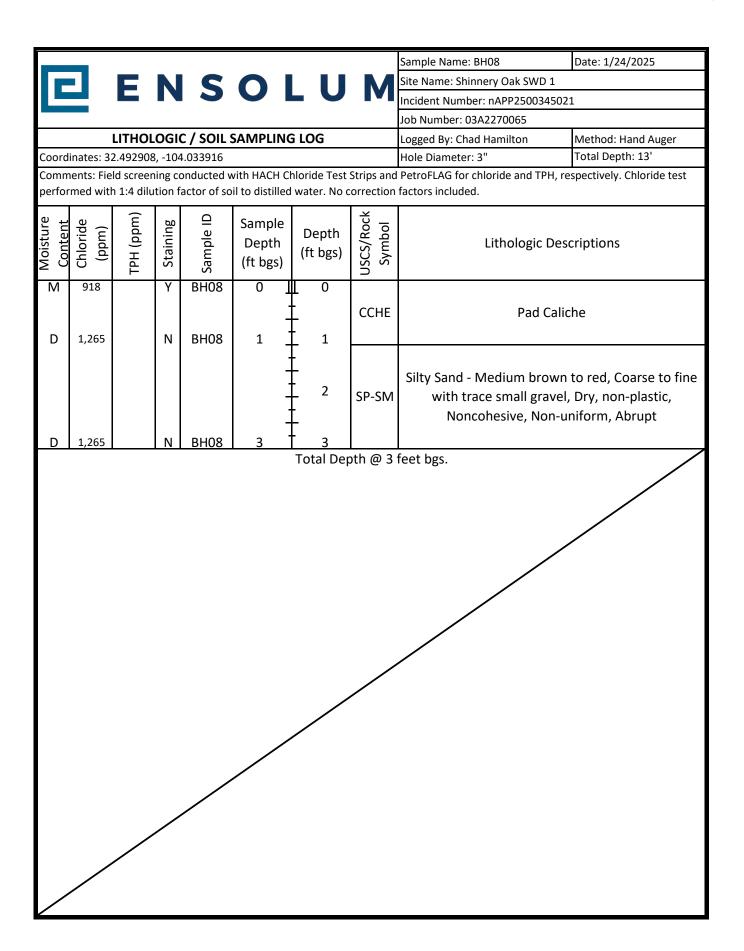


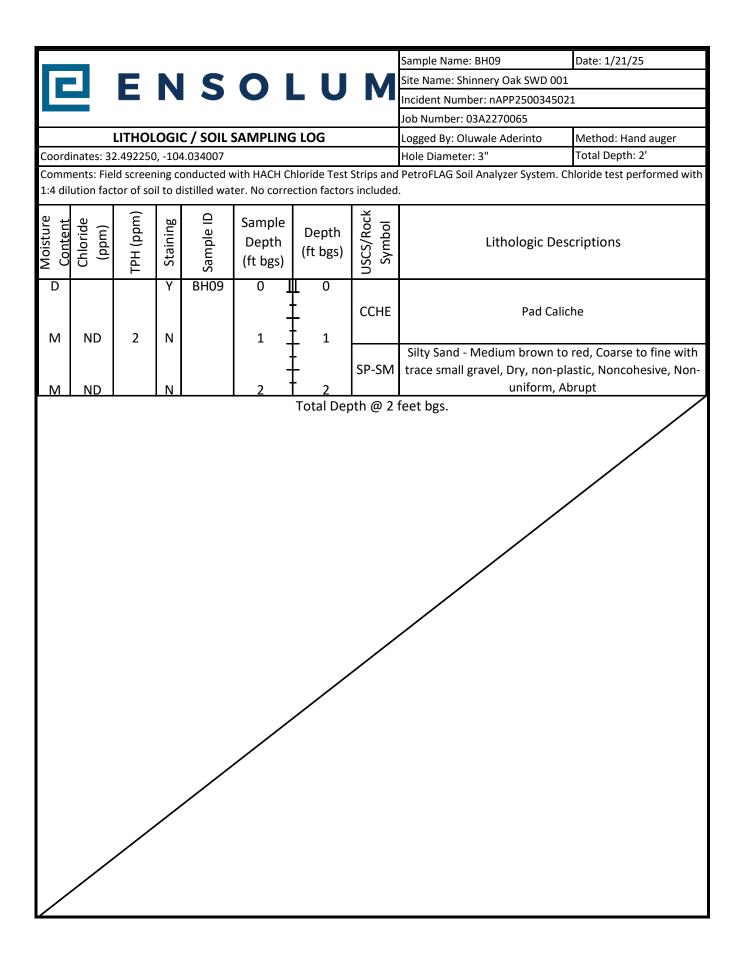
								Sample Name: BH04	Date: 1/17/2025	
								Site Name: Shinnery Oak SWD 1		
			N		0 1	LU	M	Incident Number: nAPP2500345021		
						Job Number: 03A2270065				
		LITHOL	OGI	c / soll s	SAMPLING	Logged By: Chad Hamilton	Method: Tracked Auger			
Coord	inates: 32				JAIVII LIIV	Hole Diameter: 6"	Total Depth: 14'			
Comm	ents: Fie	ld screer	ning co	onducted v		PetroFLAG for chloride and TPH factors included.	· ·			
Moisture Content					· ·	Lithologic Descriptions				
M	>3,589		Υ	BH04	0 1	0				
D	>3,589		N	BH04	1	1	CCHE	Pad Ca		
D	1,170		N	BH04	2	2	SP-SM	Silty Sand - Medium brown to red, Coarse to fir with trace small gravel, Dry, non-plastic, Noncohesive, Non-uniform, Abrupt		
D	1,428		N	BH04	3	3				
D	996		N	BH04	4 _	4				
D	1,080		N	BH04	5 _	- - 5	ССНЕ	Caliche - White to red, Mo with some small to lar Plastic, Noncohesive, N	ge cobbles, Dry, Non-	
D	442		N	BH04	6 _	6		Abro	upt	
					-	7				
D	1,103		N	BH04	8 _	- 8				
					- - -	- - 9				
D	1,103		N	BH04	10	10	СН	Red Clay with grey nodules - Dense, Fine to fine, Dry, High-Plasticity, Cohesive, Massive, Uniform		
D	1,607		N	BH04	12	12				
D	358	54	N	BH04	14	14				

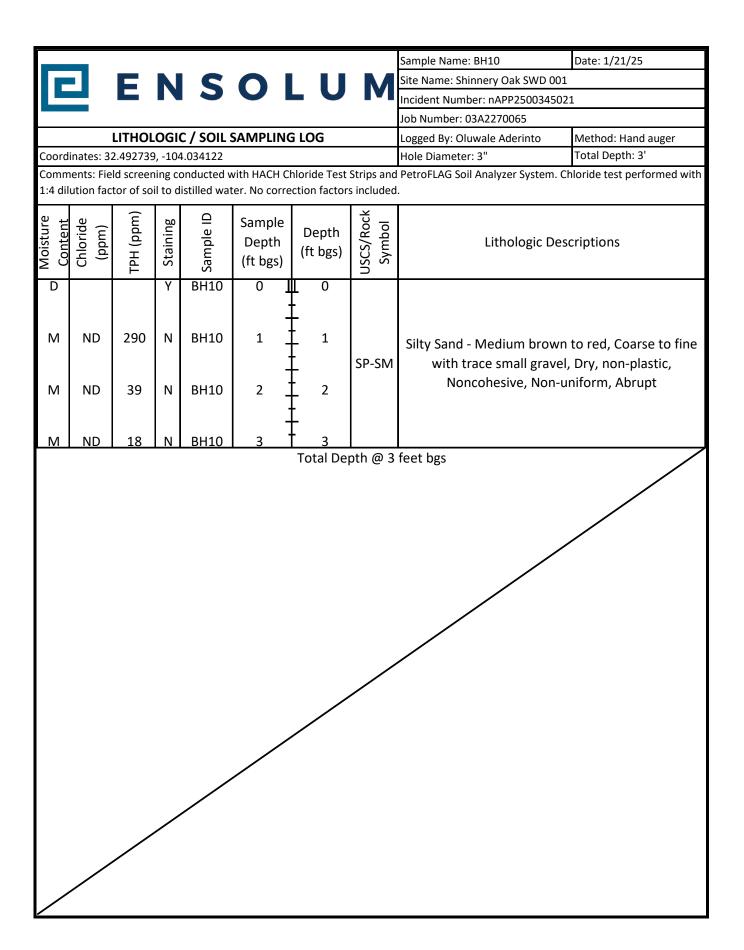




								Sample Name: BH07	Date: 1/17/2025	
1	7						B.4	Site Name: Shinnery Oak SWD 1	Date. 1/17/2023	
			N	5	0	Incident Number: nAPP2500345021				
								Job Number: 03A2270065		
LITHOLOGIC / SOIL SAMPLING LOG										
LITHOLOGIC / SOIL SAMPLING LOG							Logged By: Chad Hamilton Hole Diameter: 6"	Method: Tracked Auger Total Depth: 15'		
	Coordinates: 32.492852, -104.033916 Comments: Field screening conducted with HACH Chloride Test Strips and								·	
			_			factors included.	espectively. Chloride test			
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	scriptions	
M			Υ	BH07	0	0				
					•	+	CCHE	Pad Cali	che	
						Γ,				
					-	1				
					-	Į				
D			N	BH07	2	2				
						F		Silty Sand - Medium browr		
					-	<u> </u>	SP-SM	with trace small grave	· · · · · · · · · · · · · · · · · · ·	
					<u>-</u>	3		Noncohesive, Non-u	ıniform, Abrupt	
						+				
_			N.	D1107		Γ ,				
D			N	BH07	4 _	4				
					_	Ļ				
					•	5				
						Ţ				
					-	 		Caliche - White to red, Mos	•	
D	1,159		Ν	BH07	6	6	CCHE	with some small to large	· ·	
						+		Plastic, Noncohesive, Ma		
_			.	D. 16=	<u> </u>	ļ _		Abrup	ot	
D	750		N	BH07	7	7				
					· -	Į.				
D	559		N	BH07	8	8				
			'	5.107		Ţ				
					_	+				
D	1,982		N	BH07	9	9				
						+				
				_	<u>-</u>	‡		Red Clay with grey nodule	s - Dense, Fine to very	
D	1,590		N	BH07	11	11	СН	fine, Dry, High-Plasticity, Co		
					_	<u>L</u>		Unifor		
D	319	107	N	BH07	13	13				
U	213	107	IN	ьпо/	13 _	† 13				
					<u>-</u>	+				
D	ND	50	N	BH07	15	15				







								Sample Name: BH11	Date: 01/21/2025	
1			N I				B .4	Site Name: Shinnery Oak SWD 00		
			N	5	OI	LU		Incident Number: nAPP25003450		
						Job Number: 03A2270065				
		LITHOL	OGI	C / SOIL S	SAMPLING	Logged By: Higinio Gonzalez	Method: Tracked auger			
Coord	inates: 32			_	<i>y</i> ,	Hole Diameter: 6"	Total Depth: 57.5'			
Comm	ents: Fie	ld screer	ning co	onducted v		PetroFLAG for chloride and TPH, factors included.	·			
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
D			Υ	BH11	0]	<u> </u>	ССНЕ	Caliche with grave	el pad material.	
М	840		Υ		- -	1				
М	1,266		Υ	BH11	2 _	2	SM	Sandy clay, red with spots black stained rocks	0 0 , ,.	
М	1,193		Υ	BH11	3	3				
D			N	BH11	-	4				
D			N	BH11	- - -	- - 5		Caliche - White to red, Mo	·	
D			N	BH11	- - -	6	CCHE	Plastic, Noncohesive, M Abru	lassive, Non-Uniform,	
D			N	BH11	- - -	- - 7				
D			N	BH11	- -	8				
D	1,697		N	BH11	9	9				
D			N	BH11	- - -	10	СН	Red Clay with grey nodulo fine, Dry, High-Plasticity, C Unifo	Cohesive, Massive, Non-	
D			N	BH11	-	11		39		
D	263		N	BH11	12	12				

								Sample Name: BH11	Date: 01/21/2025			
Ĭ.	7							Site Name: Shinnery Oak SWD 001				
			N	3	U	LU	V	Incident Number: nAPP250034502				
						Job Number: 03A2270065						
		LITHOL	OGI	C / SOIL S	SAMPLING	Logged By: Higinio Gonzalez	Method: Tracked auger					
Coord	inates: 32					Hole Diameter: 6"	Total Depth: 57.5'					
Comm	ents: Fie	ld screer	ing co	onducted v	vith HACH Ch	nloride Test :	Strips and	PetroFLAG for chloride and TPH, r	espectively. Chloride test			
performed with 1:4 dilution factor of soil to distilled water. No correction factors included.												
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions				
D			N	BH11	12	12						
D			N	BH11	13 _ -	- - _ 13 -						
D	2,469		N	BH11	15 <u> </u>	15						
D	2,296		N	BH11	17 <u> </u>	17						
D	2,654		N	BH11	20	20						
D	2,296		N	BH11	25 <u> </u>	_ 25						
D	2,296		N	BH11	30 <u> </u>	30	СН	Red Clay with grey nodule fine, Dry, High-Plasticity, Co Unifor	ohesive, Massive, Non-			
D	1,478		N	BH11	35	35 						
D	1,714		N	BH11	40 _	40 						
D	1,266		N	BH11	47.5	47.5						
D	840		N	BH11	57.5	- 57.5						

								Sample Name: BH12	Date: 01/21/2025	
			N				R.A	Site Name: Shinnery Oak SWD 001		
			N	3	U	LU	IAI	Incident Number: nAPP2500345021		
								Job Number: 03A2270065		
		LITHOL	.OGI	C / SOIL S	SAMPLING	Logged By: Oluwale Aderinto	Method: Tracked Auger			
Coord	inates: 32	2.49308,	-104.	03384		Hole Diameter: 6"	Total Depth: 57.5'			
Comm	nents: Fie	ld screer	ning c	onducted w	ith HACH Cl	hloride Test :	Strips and	PetroFLAG for chloride and TPH, re	espectively. Chloride test	
perfor	med with	n 1:4 dilu	tion f	actor of so	il to distilled	factors included.				
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
D			Υ	BH12 0'	0 <u> </u>	0	CCHE	Caliche with grave	l pad material	
M	>3,427 >3,427		Y	BH12 2'	- - - - 2	1	SM	Clayey sand with gravel,	red, chemical odor.	
M	>3,427		Y	впт	Z _	2				
D			N	BH12	3 _	3				
D	>3,377		N	BH12	4 _	4		Caliche - White to red, Mostly Coarse to fine with some small to large cobbles, Dry, No Plastic, Noncohesive, Massive, Non-Unifor		
D	>3,377		N	BH12	5 <u>-</u> 5 <u>-</u>	- - 5	ССНЕ			
D			N	BH12	6	6		Abrup	t	
D			N	BH12	7 _	- - 7				
D	2,570		N	BH12	8 _	- 8 -				
D			N	BH12	9 _	9				
D			N	BH12	10	10	СН	Red Clay with grey nodules fine, Dry, High-Plasticity, Co Unifor	hesive, Massive, Non-	
D			N	BH12	11 _	11		57.11.61		
D			N	BH12	12	12				

								Sample Name: BH12	Date: 01/21/2025			
								Site Name: Shinnery Oak SWD 001				
			N	3	OI	IVI	Incident Number: nAPP2500345021					
						Job Number: 03A2270065						
		LITHOL	OGI	C / SOIL S	SAMPLING	Logged By: Oluwale Aderinto	Method: Tracked Auger					
Coord	inates: 32	2.49308,	-104.	03384		Hole Diameter: 6"	Total Depth: 57.5'					
			_					PetroFLAG for chloride and TPH, r	espectively. Chloride test			
performed with 1:4 dilution factor of soil to distilled water. No correction factors included.												
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	scriptions			
D			N	BH12	12	12						
D			N	BH12	13	- - - 13 -						
D	2,654		N	BH12	15	15 						
D	2,862		N	BH12	20	20						
D	2,862		N	BH12	25	25 25						
D	2,296		N	BH12	30	30						
D	2,133		N	BH12	35	- 35	СН	Red Clay with grey nodule fine, Dry, High-Plasticity, Co Unifor	ohesive, Massive, Non-			
D	2,861		N	BH12	40	40						
						- _ 45 -						
D	1,366		N	BH12	50	50 -						
D	1,170		N	BH12	- - - - - - 57.5	- - - - - - - - 57.5						



APPENDIX D

Photographic Log



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Date: 1/3/2025

Date: 1/3/2025

Photograph 1 Description: Lease Sign

View: Northeast

Date: 1/3/2025

Photograph 2 Description: Initial Release

View: North





Photograph 3

Description: Initial Release View: Northwest

Date: 1/3/2025

Photograph 4

Description: Initial Release

View: Northeast

Page 1 of 19



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 5
Description: Initial Release

View: North

Date: 1/3/2025

Photograph 6

Description: Initial Release

View: South

Date: 1/3/2025





Photograph 7

Description: Initial Release

View: West

Date: 1/3/2025 Photog

Photograph 8

Description: Initial Release

View: North

Date: 1/3/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 9
Description: Initial Release

View: West

Date: 1/3/2025

Date: 1/3/2025

Photograph 10

Description: Initial Release

View: South

Date: 1/3/2025

Date: 1/3/2025





Photograph 11

Description: Initial Release

View: Southwest

Photograph 12

notograph 12

Description: Initial Release

View: Northwest



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021



Date: 1/3/2025

Date: 1/3/2025



Photograph 13

Description: Initial Release

View: West

Photograph 14

Description: Initial Release

View: Southwest





Photograph 15

Description: Initial Release

View: Southeast

Photograph 16

Description: Initial Release

View: Southeast

Date: 1/3/2025

Date: 1/3/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Date: 1/3/2025

Photograph 17 Date: 1/3/2025 Photograph 18

Description: Initial Release

View: Southeast

Photograph 18

Description: Initial Release

View: East





Photograph 19 Date: 1/3/2025 Photograph 20 Date: 1/3/2025

Description: Initial Release Description: Initial Release

View: Southeast View: South



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 21
Description: SS01

View: Southwest

Date: 1/8/2025

Photograph 22 Description: SS01A

View: West





Photograph 23

Description: SS02 View: Northwest Date: 1/8/2025

Photograph 24
Description: SS02A

View: Northwest

Date: 1/8/2025

Date: 1/8/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 25
Description: SS03

Description: SS03 View: West Date: 1/8/2025

Photograph 26

Description: SS04 View: East Date: 1/8/2025





Photograph 27

Description: SS05 View: South Date: 1/8/2025

Photograph 28

Description: SS05A View: South Date: 1/8/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 29

Description: SS06 View: North Date: 1/8/2025

Photograph 30 Description: SS06A

View: North

Date: 1/8/2025

Date: 1/8/2025





Photograph 31 Description: SS07

View: Northeast

Date: 1/8/2025

Photograph 32

Description: SS08

View: Northeast



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 33 Description: SS05C

Description: SS05C View: South Date: 1/13/2025

Photograph 34 Description: SS01C

View: Southwest

Date: 1/13/2025





Photograph 35

Description: BH01 View: West Date: 1/13/2025

Photograph 36

Description: BH02

View: Northwest

Date: 1/13/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 37 Date: 1/17/2025

Description: BH01 Renamed BH03

View: East

Photograph 38 Date: 1/17/2025

Description: BH02 Renamed BH04

View: Northeast





Photograph 39 Date: 1/17/2025

Description: BH03 Renamed BH05

View: South

Photograph 40 Date: 1/17/2025

Description: BH04 Renamed BH06

View: Southwest

ENSOLUM

Photographic Log

San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 41 Date: 1/17/2025

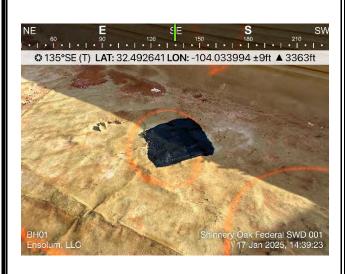
Description: BH05 Renamed BH07

View: South

Photograph 42 Date: 1/17/2025

Description: BH06 Renamed BH08

View: Southwest





Photograph 43 Date: 1/17/2025

Description: BH01 Reneamed BH03

View: Southeast

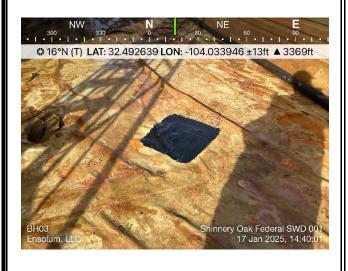
Photograph 44 Date: 1/17/2025

Description: BH02 Renamed BH04

View: Northeast



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





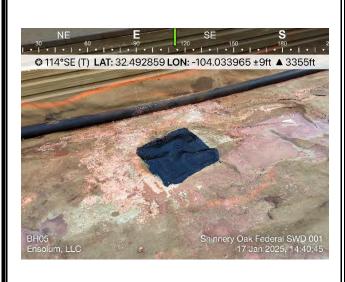
Photograph 45

Description: BH03
View: North

Date: 1/17/2025

Photograph 46
Description: BH04

View: Northeast





Photograph 47

Description: BH05
View: Southeast

Date: 1/17/2025

Photograph 48

Description: North Side

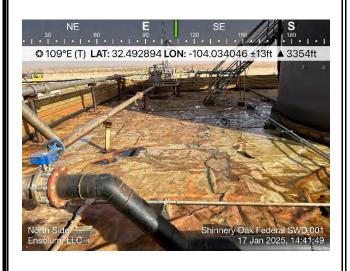
View: West

Date: 1/17/2025

Date: 1/17/2025



San Mateo Stebbins Water Management, LLC
Shinnery Oaks SWD 1
nAPP2500345021





Photograph 49 Date: 1/17/2025

Description: North Side

View: East

Photograph 50

Description: West Side View: South

Date: 1/17/2025





Photograph 51
Description: South Side

View: East

Date: 1/17/2025

Photograph 52
Description: East Side

View: North

Date: 1/17/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 53 Date: 1/20/2025

Description: Tank Battery Delineation

View: West

Photograph 54 Date: 1/20/2025

Description: Tank Battery Delineation

View: Southeast





Photograph 55 Date: 1/20/2025

Description: Tank Battery Delineation

View: Southwest

Photograph 56 Date:1/21/2025

Description: Vertical Delineation

View: North



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 57 Date:1/21/2025

Description: Vertical Delineation

View: East

Photograph 58
Description: Delineation

Notion: Delineation
View: Southwest

Date:1/24/2025





Photograph 59

Description: Delineation

View: West

Date:1/24/2025

Photograph 60

Description: Delineation

View: Northeast

Date:1/24/2025



San Mateo Stebbins Water Management, LLC
Shinnery Oaks SWD 1
nAPP2500345021





Photograph 61
Description: Patched BH06

View: Southwest

Date:1/24/2025

Photograph 62

Description: Patched BH04

View: North





Photograph 63

Description: Patched BH07

View: West

Date:1/24/2025 Ph

Photograph 64

Description: Delineation View: Northwest

Date:1/28/2025

Date:1/24/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Date:1/29/2025 Photograph 61

Description: Delineation (BH11)

View: Northeast

Photograph 62

Description: Delineation (BH12)

View: East





Photograph 63

Description: BG01 View: Southwest Date:2/18/2025

Photograph 64

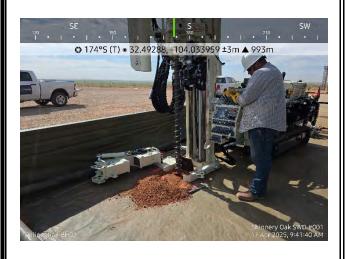
Description: BG04 View: East

Date:2/18/2025

Date:1/29/2025



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Photograph 65

Date:4/17/2025

Photograph 66

Date:4/17/2025

Description: Delineation (BH07)

View: South

Description: Liner Patch View: Northeast





Photograph 67

Date:4/17/2025

Date:4/17/2025

Description: BG04

View: Southwest

Description: BG01

Photograph 68

View: East



San Mateo Stebbins Water Management, LLC Shinnery Oaks SWD 1 nAPP2500345021





Date:4/21/2025 Photograph 69

Description: Delineation (BH11)

View: Northwest

Photograph 70

Date:4/21/2025

Description: Delineation (BH12)

View: Northwest





Photograph 71

Description: SS02

View: North

Date:4/21/2025

Photograph 72

Description: SS01

View: East

Date:4/21/2025



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501057

Job Number: 23003-0002

Received: 1/10/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/28/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/28/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501057

Date Received: 1/10/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/10/2025 8:00:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS03-0'	5
SS03-1'	6
SS04-0'	7
SS04-1'	8
SS03A-0'	9
SS03A-1'	10
SS08-0'	11
SS08-1'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc	18

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 14:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03-0'	E501057-01A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.
SS03-1'	E501057-02A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.
SS04-0'	E501057-03A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.
SS04-1'	E501057-04A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.
SS03A-0'	E501057-05A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.
SS03A-1'	E501057-06A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.
SS08-0'	E501057-07A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.
SS08-1'	E501057-08A	Soil	01/08/25	01/10/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS03-0'

Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: SL		Batch: 2502098
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0500	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
	91.1 %	70-130	01/10/25	01/10/25	
mg/kg	mg/kg	An	alyst: SL		Batch: 2502098
ND	20.0	1	01/10/25	01/10/25	
	93.4 %	70-130	01/10/25	01/10/25	
mg/kg	mg/kg	An	alyst: NV		Batch: 2502099
ND	25.0	1	01/10/25	01/10/25	
ND	50.0	1	01/10/25	01/10/25	
	60.2 %	50-200	01/10/25	01/10/25	
mg/kg	mg/kg	An	alyst: AK		Batch: 2502100
2820	40.0	2	01/10/25	01/10/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 91.1 % mg/kg MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 60.2 % mg/kg mg/kg mg/kg	mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 91.1 % 70-130 mg/kg mg/kg An ND 20.0 1 93.4 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 60.2 % 50-200 mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0500 1 01/10/25 ND 0.0500 1 01/10/25 ND 0.0250 1 01/10/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: NV ND 20.0 1 01/10/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/10/25 ND 50.0 1 01/10/25 ND 50.0 1 01/10/25 Mg/kg Mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0500 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 MD 0.0250 1 01/10/25 01/10/25 Mg/kg mg/kg Analyst: SL 01/10/25 MD 20.0 1 01/10/25 01/10/25 Mg/kg mg/kg Analyst: NV ND 25.0 1 01/10/25 01/10/25 ND 25.0 1 01/10/25 01/10/25 ND 50.0 1 01/10/25 01/10/25 ND 50.0 1 01/10/25 01/10/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS03-1'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2502098
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0500	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
	89.9 %	70-130	01/10/25	01/10/25	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2502098
ND	20.0	1	01/10/25	01/10/25	
	92.2 %	70-130	01/10/25	01/10/25	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2502099
ND	25.0	1	01/10/25	01/11/25	
ND	50.0	1	01/10/25	01/11/25	
	132 %	50-200	01/10/25	01/11/25	
mg/kg	mg/kg	Ana	alyst: AK		Batch: 2502100
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 89.9 % mg/kg MD 20.0 92.2 % mg/kg ND 25.0 ND 50.0 132 %	Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 89.9 % 70-130 mg/kg mg/kg And ND 20.0 1 mg/kg mg/kg And ND 25.0 1 ND 50.0 1 132 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0500 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/10/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/10/25 ND 25.0 1 01/10/25 ND 50.0 1 01/10/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0500 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 89.9 % 70-130 01/10/25 01/10/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/10/25 01/10/25 mg/kg mg/kg Analyst: SL ND 25.0 1 01/10/25 01/10/25 ND 25.0 1 01/10/25 01/11/25 ND 50.0 1 01/10/25 01/11/25 ND 50.0 1 01/10/25 01/11/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS04-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2502098
Benzene	ND	0.0250	1	01/10/25	01/10/25	
Ethylbenzene	ND	0.0250	1	01/10/25	01/10/25	
Toluene	ND	0.0250	1	01/10/25	01/10/25	
o-Xylene	ND	0.0250	1	01/10/25	01/10/25	
p,m-Xylene	ND	0.0500	1	01/10/25	01/10/25	
Total Xylenes	ND	0.0250	1	01/10/25	01/10/25	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2502098
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/10/25	01/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2502099
Diesel Range Organics (C10-C28)	ND	25.0	1	01/10/25	01/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/10/25	01/11/25	
Surrogate: n-Nonane		111 %	50-200	01/10/25	01/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2502100
Chloride	69.4	20.0	1	01/10/25	01/10/25	

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS04-1'

		ъ «:				
	D 1	Reporting	D.1:	D 1		NI 4
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2502098
Benzene	ND	0.0250	1	01/10/25	01/10/25	
Ethylbenzene	ND	0.0250	1	01/10/25	01/10/25	
Toluene	ND	0.0250	1	01/10/25	01/10/25	
o-Xylene	ND	0.0250	1	01/10/25	01/10/25	
p,m-Xylene	ND	0.0500	1	01/10/25	01/10/25	
Total Xylenes	ND	0.0250	1	01/10/25	01/10/25	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2502098
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/10/25	01/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2502099
Diesel Range Organics (C10-C28)	ND	25.0	1	01/10/25	01/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/10/25	01/11/25	
Surrogate: n-Nonane		117 %	50-200	01/10/25	01/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: AK		Batch: 2502100
-	ND	20.0		01/10/25	01/10/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS03A-0' E501057-05

	E301037-03				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2502098
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
ND	0.0500	1	01/10/25	01/10/25	
ND	0.0250	1	01/10/25	01/10/25	
	90.9 %	70-130	01/10/25	01/10/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2502098
ND	20.0	1	01/10/25	01/10/25	
	92.6 %	70-130	01/10/25	01/10/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2502099
ND	25.0	1	01/10/25	01/11/25	
ND	50.0	1	01/10/25	01/11/25	
	117 %	50-200	01/10/25	01/11/25	
mg/kg	mg/kg	Ana	lyst: AK		Batch: 2502100
ND	20.0	1	01/10/25	01/10/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MB/kg mg/kg MB/kg mg/kg ND 20.0 92.6 % mg/kg ND 25.0 ND 50.0 117 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Ana ND 20.0 1 MB/kg mg/kg Ana ND 25.0 1 ND 50.0 1 MB/kg Mg/kg Ana MB/kg Mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0500 1 01/10/25 ND 0.0250 1 01/10/25 ND 0.0250 1 01/10/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/10/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/10/25 ND 50.0 1 01/10/25 ND 50.0 1 01/10/25 ND 50.0 1 01/10/25 Mg/kg mg/kg Analyst: AK	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0500 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 ND 0.0250 1 01/10/25 01/10/25 MD 0.0250 1 01/10/25 01/10/25 mg/kg mg/kg Analyst: SL ND 01/10/25 MD 20.0 1 01/10/25 01/10/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/10/25 01/11/25 ND 50.0 1 01/10/25 01/11/25 ND 50.0 1 01/10/25 01/11/25 ND 50.0



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS03A-1'

		E501057-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2502098
Benzene	ND	0.0250	1	01/10/25	01/10/25	
Ethylbenzene	ND	0.0250	1	01/10/25	01/10/25	
Toluene	ND	0.0250	1	01/10/25	01/10/25	
o-Xylene	ND	0.0250	1	01/10/25	01/10/25	
p,m-Xylene	ND	0.0500	1	01/10/25	01/10/25	
Total Xylenes	ND	0.0250	1	01/10/25	01/10/25	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2502098
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/10/25	01/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2502099
Diesel Range Organics (C10-C28)	ND	25.0	1	01/10/25	01/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/10/25	01/11/25	
Surrogate: n-Nonane		115 %	50-200	01/10/25	01/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2502100
Chloride	ND	20.0	1	01/10/25	01/10/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS08-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: SL		Batch: 2502098			
Benzene	ND	0.0250	1	01/10/25	01/10/25	
Ethylbenzene	ND	0.0250	1	01/10/25	01/10/25	
Toluene	ND	0.0250	1	01/10/25	01/10/25	
o-Xylene	ND	0.0250	1	01/10/25	01/10/25	
p,m-Xylene	ND	0.0500	1	01/10/25	01/10/25	
Total Xylenes	ND	0.0250	1	01/10/25	01/10/25	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2502098
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/10/25	01/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2502099
Diesel Range Organics (C10-C28)	ND	25.0	1	01/10/25	01/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/10/25	01/11/25	
Surrogate: n-Nonane		115 %	50-200	01/10/25	01/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: AK		Batch: 2502100
Chloride	23.4	20.0	1	01/10/25	01/10/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 2:31:21PM

SS08-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2502098
Benzene	ND	0.0250	1	01/10/25	01/10/25	
Ethylbenzene	ND	0.0250	1	01/10/25	01/10/25	
Toluene	ND	0.0250	1	01/10/25	01/10/25	
o-Xylene	ND	0.0250	1	01/10/25	01/10/25	
p,m-Xylene	ND	0.0500	1	01/10/25	01/10/25	
Total Xylenes	ND	0.0250	1	01/10/25	01/10/25	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2502098
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/10/25	01/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	01/10/25	01/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2502099
Diesel Range Organics (C10-C28)	ND	25.0	1	01/10/25	01/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/10/25	01/11/25	
Surrogate: n-Nonane		109 %	50-200	01/10/25	01/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: AK		Batch: 2502100
Chloride	24.2	20.0	1	01/10/25	01/10/25	



Surrogate: 4-Bromochlorobenzene-PID

7.00

QC Summary Data

San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

S400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 1/28/2025 2:31:21PM

Dallas TX, 75240		Project Number: Project Manager:		shley Giovengo	0				1/28/2025 2:31:21PM
		Volatile O	rganics b	by EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2502098-BLK1)]	Prepared: 0	1/10/25 A	nalyzed: 01/10/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.70		8.00		83.8	70-130			
LCS (2502098-BS1)]	Prepared: 0	1/10/25 A	nalyzed: 01/10/25
Benzene	4.84	0.0250	5.00		96.7	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.1	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.67	0.0500	10.0		96.7	70-130			
Total Xylenes	14.4	0.0250	15.0		96.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.86		8.00		85.7	70-130			
LCS Dup (2502098-BSD1)]	Prepared: 0	1/10/25 A	nalyzed: 01/10/25
Benzene	4.58	0.0250	5.00		91.5	70-130	5.50	20	
Ethylbenzene	4.49	0.0250	5.00		89.9	70-130	5.70	20	
Toluene	4.56	0.0250	5.00		91.2	70-130	5.85	20	
o-Xylene	4.48	0.0250	5.00		89.6	70-130	5.48	20	
o,m-Xylene	9.16	0.0500	10.0		91.6	70-130	5.49	20	
Total Xylenes	13.6	0.0250	15.0		90.9	70-130	5.49	20	
			0.00		05.5	50 120			

87.5

70-130



QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/20252:31:21PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: SL

Analyte Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2502098-BLK1)						Prepared: 0	1/10/25 A	Analyzed: 01/10/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00	96.5	70-130			
LCS (2502098-BS2)						Prepared: 0	1/10/25 A	Analyzed: 01/10/25
Gasoline Range Organics (C6-C10)	36.9	20.0	50.0	73.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00	97.0	70-130			
LCS Dup (2502098-BSD2)						Prepared: 0	1/10/25 A	Analyzed: 01/10/25
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	89.1	70-130	18.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00	96.8	70-130			



QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/20252:31:21PM

Dallas 1A, 73240		1 Toject Wianage	i. As	sincy Glovens	30				1/20/2023 2.31.211141	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: HM	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2502099-BLK1)							Prepared: 0	1/10/25 Aı	nalyzed: 01/10/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	53.0		50.0		106	50-200				
LCS (2502099-BS1)							Prepared: 0	1/10/25 Aı	nalyzed: 01/10/25	
Diesel Range Organics (C10-C28)	244	25.0	250		97.6	38-132				
Surrogate: n-Nonane	47.4		50.0		94.7	50-200				
LCS Dup (2502099-BSD1)							Prepared: 0	1/10/25 Aı	nalyzed: 01/10/25	
Diesel Range Organics (C10-C28)	241	25.0	250		96.3	38-132	1.32	20		
Surrogate: n-Nonane	50.4		50.0		101	50-200				

Matrix Spike Dup (2502100-MSD1)

Chloride

408

QC Summary Data

San Mateo Stebbins Water Manager 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	ment, LLC	Project Name: Project Number: Project Manager	2	Shinnery Oak S 23003-0002 Ashley Giovens					Reported: 1/28/2025 2:31:21PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: JM
Analyte	Result mg/kg	Reporting Limit	Spike Level	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Disab (2502100 DI V.1)	mg/kg	mg/kg	mg/kg	mg/kg		70			
Blank (2502100-BLK1)							Prepared: 0	1/10/25 Ar	nalyzed: 01/10/25
Chloride LCS (2502100-BS1)	ND	20.0					Prepared: 0	1/10/25 Ar	nalyzed: 01/10/25
Chloride	256	20.0	250		103	90-110	1		
Matrix Spike (2502100-MS1)				Source:	E501055-	02	Prepared: 0	1/10/25 Ar	nalyzed: 01/10/25
Chloride	386	40.0	250	151	93.9	80-120			

250

40.0

Source: E501055-02

103

80-120

5.44

151

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.



Prepared: 01/10/25 Analyzed: 01/10/25

20

Definitions and Notes

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 14:31

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

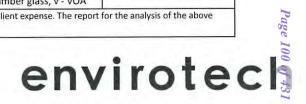
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



	Page	1	_ of _	1 Re
te	2			ceive
T	TX			d by
Ī				00
ra	m			ğ
	RCF	lA.		∞
,	or	N		/14/2025
(S				Received by OCD: 8/14/2025 10:10:27 AM
				7 AM

	Clier	nt Inform	ation			Invoice Informatio	n				Lat	b Us	e On	ly				TA	T	State
Client: Sa	an Mateo Ste	ebbins W	ater Manage	ement	Cor	mpany: Ensolum LLC		L	ab W	VO#			Job I	Num	ber		1D	2D	3D Std	NM CO UT TX
Project:	Shinnery Oal	SWD#0	001		Ad	dress: 3122 National Parks	Hwy		EF	O	05	7	23	003	∞	Sa			x	x
Project N	lanager: Ash	nley Giov	engo		Cit	y, State, Zip: Carlsbad NM, 8	88220													
Address:	3122 Nation	nal Parks	Hwy		Pho	one: 575-988-0055			11				Ana	lysis	and	Met	hod			EPA Program
City, State	e, Zip: Carlsl	oad NM,	88220		Em	nail: agiovengo@ensolum.	com									- 4				SDWA CWA RCRA
Phone: 5	75-988-0055	5			Mis	cellaneous:							1							in the second second
Email: ag	giovengo@ei	nsolum.c	om							8015	15									Compliance Y or N
											9 80	17	0	0.0	5	×	tals	1		PWSID#
				Sample In	formation	on	100	1		80	RO F	y 80.	826	e 30	Z	- 500	N N			-
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	o ber	DRO/ORO by	GRO/DRO by 8015	втех by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks
10:54	1/8/2025	S	1			SS03 - 0'		1							x					
11:05	1/8/2025	S	1			SS03 - 1'		2							х					
11:21	1/8/2025	S	1			SS04 - 0'		3							х					
11:27	1/8/2025	S	1			SS04 - 1'		4							х					
11:44	1/8/2025	S	1			SS07 - 0'		5					Ì		х					
11:51	1/8/2025	s	1			SS07 - 1'		6							x					4
11:34	1/8/2025	s	1			SS08 - 0'		7							х					
11:37	1/8/2025	S	1			SS08 - 1'		8							х					
			ase CC: cbur	ton@ensolu	ım.com,	agiovengo@ensolum.com,	iestrella	@enso	lum.	.con	n, cha	amil	ton@	ens	olum	ı.con	n, bsi	mmo	ns@ens	solum.com,
I, (field samp	o@ensolum oler), attest to the Oluwale Aderi	validity and	d authenticity of t	his sample. I an	n aware tha	t tampering with or intentionally misla	beling the sa	ample loca	ation,	date	or time	of co	llectio	n is co	nsidere	ed frau	d and r	may be	grounds fo	or legal action.
	ed by: (Signatur		Date	Time		Received by: (Signature)	Date	2	1	Time					Sampl	es requ	iring the	ermal pr	eservation n	oust be received on ice the day they are
	ale A	W 40	DH 119	125 08	5:05	Michelle Gonza	Per 1	-9-2	5	6	80	20				ed or re		packed i	n ice at an a	vg temp above 0 but less than 6 °C on
Relinquish	ed by: (Signatur		Date	Time	146	Received by: (Signature)	Date /-	-9-25	8-	Time	146						l on i	ce.	Lab U	se Only
Relinquish	ed/by: (Signatur	re)	Date 1-9-2	Time	45	Regerred by (Signature)	Date	10.25	-	Time	0				T1	CIVEL	. 011 1		T2	T3
Relinquish	ed by. (Signatur	re)	Date	Time	75	Received by: (Signature)	Date	1 1 1 7 1 1	1	Time	_				AVG	5 Ten	np °C	,	+	
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aqueous	O - Other			Cor	ntainer	Туре	: g -	glass,	p-p	oly/	plasti					- VOA	
					less other	arrangements are made. Hazardo														for the analysis of the above
						this COC. The liability of the labor														





Printed: 1/10/2025 8:54:09AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	01/10/25	08:00		Work Order ID:	E501057
Phone:	(972) 371-5200	Date Logged In:	01/09/25	14:27		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/16/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does tl	he sample ID match the COC?		Yes				
	he number of samples per sampling site location mat	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes		 -		
5. Were a	all samples received within holding time?	·	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.					Comment	s/Resolution
	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>C</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers.)	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	· · · · · · · · · · · · · · · · · · ·	iers conected:	103				
•	field sample labels filled out with the minimum info	rmation:					
	ample ID?	imation.	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		No				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphase	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborator	rv?	No				
	a subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	· NA		
		oo waa	1112	Subcontract Lab), 1 421		
CHent II	<u>nstruction</u>						

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

Received by OCD: 8/14/2025 10:10:27 AM

Page 1	of	1
	-	

	Clie	nt Inform	ation			Invoice Information				L	ab Us	e On	lv				TA	AT		State	e
Client: S	an Mateo St			agement	Co	ompany: Ensolum LLC		la	ab W	- 1 - 1 1		Job	-	ber		1D		3D St	d N	M CO UT	TX
-	Shinnery Oa	THE RESERVE TO SHARE THE PARTY OF THE PARTY		оденнени		ddress: 3122 National Parks Hwy				ola	57	23	n^2	00.	202	10		X	×	11 00 01	
	Manager: As					ty, State, Zip: Carlsbad NM, 8822															
Address:	3122 Nation	nal Parks	Hwy		Ph	ione: 575-988-0055						Ana	lysis	and	Meth	nod				EPA Progra	am
City, Stat	e, Zip: Carls	bad NM,	88220		E	mail: agiovengo@ensolum.com					1-3						1 3		SDWA	CWA	RCRA
Phone: 5	75-988-005	5			Mi	scellaneous:															
Email: a	giovengo@e	nsolum.c	om						1	12 12									Complia	ance Y	or N
									6	y 80	-	0	0.0	~	×	als			PWSID	#	
				Samp	ole Informat	ion			- 3	30 b	807	826	e 30	Z.	1-50	Met					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numbe	er	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
10:54	1/8/2025	S	1			SS03 - 0'		1				T		x					Cha	naed	
11:05	1/8/2025	S	1			SS03 - 1'		2						х					San	7	amel
11:21	1/8/2025	S	1			SS04 - 0'		3						х					000	Clic	at.
11:27	1/8/2025	5	1			SS04 - 1'		4						х					1/2	8/25	OM
11:44	1/8/2025	S	1			5507 0' 5503A -0'		5						х						.010-	0
11:51	1/8/2025	S	1			5507-1 SS03A-11		6						х							
11:34	1/8/2025	S	1			SS08 - 0'		7						х							
11:37	1/8/2025	S	1		THE	SS08 - 1'		8			1			х							
																				N A M	
Addition	al Instruction	net Dies	aco CCı ch	urton@a	ncolum com	, agiovengo@ensolum.com, iest	rolla	@oncol-	um c	om c	hansi	ton	lons	alum	COP	bei	mm	onc@o	solum co	am.	
	o@ensolum		ase CC: CD	urtonwe	iisolulii.com	i, agiovengo@ensolum.com, lest	i elld(we115011	um.c	oni, c	iaiiii	tone	- C1150	Jiuin	.com	, 051		onswel	isolulli.cc	int,	1 - 1
-			authenticity	of this sampl	e. I am aware th	at tampering with or intentionally mislabeling	the sa	mple locat	tion, da	ate or tir	ne of co	llection	n is cor	sidere	d frau	dand	may be	e grounds	for legal action	on.	
A A Market Comment	_Oluwale Ader																				
Relinquish	ed by: (Signatur		Date	- 10-	Time	Received by: (Signature)	Date	0.	Tir	ne			TN							ed on ice the da	
	iale A	品品	月月	9/25	08'05	Michelle Gonzales	1	-4-29	5	08	05				ed or rec		packed	in ice at an	avg temp abov	e 0 but less than	6 °C on
	belle G		ec Po	1-25	Time 1446	Received by: (Signature)	Date /-	9-28		169	6			Rece	eived	on i	ce:	Lab (Y)/	Use Only N		14.00
Relinquish	ed/by: (Signatur	re)	Date /- 9	-25	7245	Regerred by Asignature)	Date -	025	. 3	800		-		T1				T2		<u>T3</u>	
Relinquish	ed by: (Signatur	re)	Date		Time	Received by: (Signature)	Date		Tir	ne				AVG	Tem	p °C		4			
The second second second second	rix: S - Soil, Sd - S			The second secon			Name and Address of the Owner, where	tainer Ty	-		and the same of		olasti	c, ag -	- amb	er gl	ass, v			Jane .	
						r arrangements are made. Hazardous sa									clien	t expe	ense.	The repo	rt for the ar	nalysis of the	above
samples is	applicable only	to those sa	amples rece	eived by the	laboratory with	h this COC. The liability of the laboratory	is lim	ited to th	e amo	ount pa	id for o	n the	repor	t.							



envirotech gage 102 g 431

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501071

Job Number: 23003-0002

Received: 1/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/17/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/17/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501071

Date Received: 1/14/2025 5:00:17AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/14/2025 5:00:17AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS02B-0'	5
SS02B-1'	6
QC Summary Data	7
QC - Volatile Organic Compounds by EPA 8260B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/17/25 12:00

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS02B-0'	E501071-01A Soil	01/09/25	01/14/25	Glass Jar, 2 oz.
SS02B-1'	E501071-02A Soil	01/09/25	01/14/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/17/2025 12:00:54PM

SS02B-0' E501071-01

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: 1	BA		Batch: 2503024
Benzene	ND	0.0250	1		01/14/25	01/16/25	
Ethylbenzene	ND	0.0250	1		01/14/25	01/16/25	
Toluene	ND	0.0250	1	Į.	01/14/25	01/16/25	
o-Xylene	ND	0.0250	1	Į.	01/14/25	01/16/25	
p,m-Xylene	ND	0.0500	1	Į.	01/14/25	01/16/25	
Total Xylenes	ND	0.0250	1		01/14/25	01/16/25	
Surrogate: Bromofluorobenzene		96.1 %	70-130		01/14/25	01/16/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		01/14/25	01/16/25	
Surrogate: Toluene-d8		103 %	70-130		01/14/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: 1	BA		Batch: 2503024
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10)	mg/kg ND	mg/kg 20.0	1	-	BA 01/14/25	01/16/25	Batch: 2503024
				-		01/16/25 01/16/25	Batch: 2503024
Gasoline Range Organics (C6-C10)		20.0	1	-	01/14/25		Batch: 2503024
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene		20.0 96.1 %	70-130	-	01/14/25 01/14/25	01/16/25	Batch: 2503024
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		20.0 96.1 % 98.7 %	70-130 70-130 70-130	-	01/14/25 01/14/25 01/14/25 01/14/25	01/16/25 01/16/25	Batch: 2503024 Batch: 2503027
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	ND	20.0 96.1 % 98.7 % 103 %	70-130 70-130 70-130	!	01/14/25 01/14/25 01/14/25 01/14/25	01/16/25 01/16/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	20.0 96.1 % 98.7 % 103 % mg/kg	70-130 70-130 70-130	!	01/14/25 01/14/25 01/14/25 01/14/25 HM	01/16/25 01/16/25 01/16/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND mg/kg ND	20.0 96.1 % 98.7 % 103 % mg/kg 25.0	70-130 70-130 70-130	!	01/14/25 01/14/25 01/14/25 01/14/25 HM 01/14/25	01/16/25 01/16/25 01/16/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND mg/kg ND	20.0 96.1 % 98.7 % 103 % mg/kg 25.0 50.0	1 70-130 70-130 70-130 1 1 50-200	!	01/14/25 01/14/25 01/14/25 01/14/25 HM 01/14/25 01/14/25 01/14/25	01/16/25 01/16/25 01/16/25 01/14/25 01/14/25	



San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #0015400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/17/2025 12:00:54PM

SS02B-1'

E501071-02

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: BA			Batch: 2503024
Benzene	ND	0.0250	1	1	01/14/25	01/16/25	
Ethylbenzene	ND	0.0250	1	1	01/14/25	01/16/25	
Toluene	ND	0.0250	1	1	01/14/25	01/16/25	
o-Xylene	ND	0.0250	1	1	01/14/25	01/16/25	
p,m-Xylene	ND	0.0500	1	1	01/14/25	01/16/25	
Total Xylenes	ND	0.0250	1	1	01/14/25	01/16/25	
Surrogate: Bromofluorobenzene		99.9 %	70-130		01/14/25	01/16/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		01/14/25	01/16/25	
Surrogate: Toluene-d8		104 %	70-130		01/14/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: BA			Batch: 2503024		
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/14/25	01/16/25	
Surrogate: Bromofluorobenzene		99.9 %	70-130		01/14/25	01/16/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		01/14/25	01/16/25	
Surrogate: Toluene-d8		104 %	70-130		01/14/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: HM				Batch: 2503027	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/14/25	01/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/14/25	01/14/25	
Surrogate: n-Nonane		121 %	50-200		01/14/25	01/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2503018



San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 1/17/2025 12:00:54PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			1/17	//2025 12:00:54PN	
	V	olatile Organ	ic Compo	unds by EI	PA 8260I	3		Analyst: BA		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2503024-BLK1)							Prepared: 0	1/14/25 Analy	/zed: 01/16/25	
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: Bromofluorobenzene	0.488		0.500		97.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130				
Surrogate: Toluene-d8	0.505		0.500		101	70-130				
LCS (2503024-BS1)							Prepared: 0	1/14/25 Analy	zed: 01/16/25	
Benzene	2.26	0.0250	2.50		90.5	70-130				
Ethylbenzene	2.33	0.0250	2.50		93.4	70-130				
Toluene	2.29	0.0250	2.50		91.6	70-130				
o-Xylene	2.42	0.0250	2.50		96.7	70-130				
p,m-Xylene	4.79	0.0500	5.00		95.7	70-130				
Total Xylenes	7.21	0.0250	7.50		96.1	70-130				
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130				
Surrogate: Toluene-d8	0.525		0.500		105	70-130				
Matrix Spike (2503024-MS1)				Source:	Source: E501071-02 Prepared			repared: 01/14/25 Analyzed: 01/16/25		
Benzene	2.29	0.0250	2.50	ND	91.4	48-131				
Ethylbenzene	2.36	0.0250	2.50	ND	94.4	45-135				
Toluene	2.31	0.0250	2.50	ND	92.4	48-130				
o-Xylene	2.44	0.0250	2.50	ND	97.5	43-135				
p,m-Xylene	4.76	0.0500	5.00	ND	95.1	43-135				
Total Xylenes	7.19	0.0250	7.50	ND	95.9	43-135				
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.540		0.500		108	70-130				
Surrogate: Toluene-d8	0.522		0.500		104	70-130				
Matrix Spike Dup (2503024-MSD1)				Source: E501071-02			Prepared: 0	1/14/25 Analy	zed: 01/16/25	
Benzene	2.33	0.0250	2.50	ND	93.1	48-131	1.82	23		
Ethylbenzene	2.40	0.0250	2.50	ND	95.9	45-135	1.58	27		
Toluene	2.35	0.0250	2.50	ND	94.0	48-130	1.76	24		
o-Xylene	2.47	0.0250	2.50	ND	98.6	43-135	1.16	27		
p,m-Xylene	4.84	0.0500	5.00	ND	96.8	43-135	1.79	27		
Total Xylenes	7.31	0.0250	7.50	ND	97.4	43-135	1.58	27		
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130				



0.500

0.500

107

106

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.533

0.529

San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 1/17/2025 12:00:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Rec Limits RPD		RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

l l									
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503024-BLK1)							Prepared: 0	1/14/25 An	alyzed: 01/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
LCS (2503024-BS2)							Prepared: 0	1/14/25 An	alyzed: 01/16/25
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate. 1,2 Diemorocinate av									
Surrogate: Toluene-d8	0.531		0.500		106	70-130			
ŭ			0.500	Source:	106 E501071- 0		Prepared: 0	1/14/25 An	alyzed: 01/16/25
Surrogate: Toluene-d8		20.0	50.0	Source:			Prepared: 0	1/14/25 An	alyzed: 01/16/25
Surrogate: Toluene-d8 Matrix Spike (2503024-MS2)	0.531	20.0			E501071-0)2	Prepared: 0	1/14/25 An	alyzed: 01/16/25
Surrogate: Toluene-d8 Matrix Spike (2503024-MS2) Gasoline Range Organics (C6-C10)	0.531	20.0	50.0		E501071-0	70-130	Prepared: 0	1/14/25 An:	alyzed: 01/16/25
Surrogate: Toluene-d8 Matrix Spike (2503024-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene	0.531 60.3 0.507	20.0	50.0		E501071-0	70-130 70-130	Prepared: 0	1/14/25 An	alyzed: 01/16/25
Matrix Spike (2503024-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.531 60.3 0.507 0.515	20.0	50.0 0.500 0.500	ND	E501071-0 121 101 103	70-130 70-130 70-130 70-130			
Surrogate: Toluene-d8 Matrix Spike (2503024-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.531 60.3 0.507 0.515	20.0	50.0 0.500 0.500	ND	121 101 103 106	70-130 70-130 70-130 70-130			
Surrogate: Toluene-d8 Matrix Spike (2503024-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2503024-MSD2)	0.531 60.3 0.507 0.515 0.532		50.0 0.500 0.500 0.500	ND Source:	E501071-0 121 101 103 106 E501071-0	70-130 70-130 70-130 70-130 70-130	Prepared: 0	1/14/25 An	
Surrogate: Toluene-d8 Matrix Spike (2503024-MS2) Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2503024-MSD2) Gasoline Range Organics (C6-C10)	0.531 60.3 0.507 0.515 0.532		50.0 0.500 0.500 0.500	ND Source:	E501071-0 121 101 103 106 E501071-0 118	70-130 70-130 70-130 70-130 70-130	Prepared: 0	1/14/25 An	alyzed: 01/16/25 alyzed: 01/16/25



San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001
Reported:
5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240
Project Manager: Ashley Giovengo
1/17/2025 12:00:54PM

D C Caller Source		ORO			Analyst: HM											
. Reporting Spike Source		Pec		Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst:												
Analyte Result Limit Level Result	Rec	Limits	RPD	RPD Limit												
mg/kg mg/kg mg/kg mg/kg	%	%	%	%	Notes											
Blank (2503027-BLK1)			Prepared: 0	1/14/25 Ana	alyzed: 01/14/25											
biesel Range Organics (C10-C28) ND 25.0																
vil Range Organics (C28-C36) ND 50.0																
urrogate: n-Nonane 54.5 50.0	109	50-200														
CS (2503027-BS1)			Prepared: 0	1/14/25 Ana	alyzed: 01/14/25											
riesel Range Organics (C10-C28) 285 25.0 250	114	38-132														
urrogate: n-Nonane 56.4 50.0	113	50-200														
Matrix Spike (2503027-MS1) Source: Es	Source: E501059-01				alyzed: 01/14/25											
riesel Range Organics (C10-C28) 288 25.0 250 ND	115	38-132														
urrogate: n-Nonane 53.8 50.0	108	50-200														
Matrix Spike Dup (2503027-MSD1) Source: Es	501059-0	1	Prepared: 0	1/14/25 Ana	alyzed: 01/14/25											
riesel Range Organics (C10-C28) 305 25.0 250 ND	122	38-132	5.75	20												
urrogate: n-Nonane 56.3 50.0	113	50-200														



Chloride

Chloride

Chloride

LCS (2503018-BS1)

LCS Dup (2503018-BSD1)

ND

258

258

20.0

20.0

20.0

Prepared: 01/13/25 Analyzed: 01/13/25

Prepared: 01/13/25 Analyzed: 01/13/25

90-110

90-110

0.0612

103

103

QC Summary Data

San Mateo Stebbins Water Man 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	agement, LLC	Project Name: Project Number: Project Manager:			Reported: 1/17/2025 12:00:54PM				
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503018-BLK1)						F	Prepared: 0	1/13/25 A	Analyzed: 01/13/25

250

250

QC Summary Repor	rt 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

l	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/17/25 12:00

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

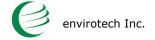
RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Page _	İ	_ of _	1
тхТ			

	Clie	nt Inform	nation			Invoice Information	n		Lab Use Only					ly	1			TAT			State			
Client: S	an Mateo St	ebbins W	ater Man	agement		company: Ensolum LLC		ı	Lab V	b WO#			Job I	ob Number			1D	2D	3D S	Std	NM	CO UT	TX	
	Shinnery Oa		Abel ve ve			Address: 3122 National Parks	Hwy		E5				23	003				7	1					
Project N	Manager: As	hley Giov	engo			city, State, Zip: Carlsbad NM,	88220																	
	3122 Natio					hone: 575-988-0055							Ana	lysis	and	Met	hod				EPA Program			
City, Stat	e, Zip: Carls	sbad NM,	88220			Email: agiovengo@ensolum.	.com									-					SDWA	CWA	RCRA	
	575-988-005					liscellaneous:														t				
	giovengo@e	1	om		- 1	iiscendificous.					10									1	Complianc	e Y	or N	
Linaii. a	Siovengoe c	. Hoorani. c	.0111				-		3015	801	8015		AШ	0			s			-	PWSID#	-	0.11	
				Sam	ple Informa	tion				DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	NM	TCEQ 1005 - TX	RCRA 8 Metals			ı	1 11310 11			
Time	Date Sampled	Matrix	No. of			Sample ID	Pi	Lat	b	J/OR	J/DR	X by	2 by 8	oride	BGDOC - NM	100 د	A 8 P					Remarks		
Sampled		IVIALTIX	Containers			Sample 10	E 1	Lat Num	ber	DRC	GRC	BTE	VO	Chlc	BGE	TCE	RCR							
0949	1/9/15	Sa. 1	1		SS82 C	3-01		1							+									
voete	VW25	Soil	V		5502			2							+									
VVV .				-		.,		_	•						1,									
							-	-	-	-					-									
																			\vdash					
							7.1																	
			ase CC: cb	urton@e	ensolum.cor	n, agiovengo@ensolum.com,	, iestrella	@enso	olum	.con	n, cha	amil	ton@	enso	olum	.con	n, bsi	imm	ons@	ensc	olum.com			
	o@ensolun		dauthenticity	of this same	de Lamavara	hat tampering with or intentionally misla	heling the co	mole les	ation	date	or time	of co	llection	n is con	cider	d frau	id and	may h	e ground	ds for	legal action			
	Oluwale Ade		- admenticity	or tins sailly	ic. ramaware t	mes tempering with of intentionally misia	wennig trie Sa	pic ioc	acion,	aute i	or diffe	. 0, 00		. 13 001	Jucie	i au	2 0110	y D	- Bround		-en action.			
	ed by: (Signatu		Date		Time	Received by: (Signature)	Date		- 1	Time					Sample	es requ	iring the	ermal p	reservation	on mu	st be received o	on ice the da	y they are	
Denv	nathin!	ble		0/25	7:30	Received by: (Signature)	iles 1-	10.2	_	0	73	0							in ice at a	an avg	temp above 0			
	ed by (Signation		ec -	1325	1530	Received by: (Signature)	Date /.	13.2	5	Time /	72	Oc			Rece	eivec	l on i	ice:		Us N	e Only			
Relintruish	ed by: (Signatu	ire)	Date 1.1	3 25	7 400	Received by: (Signature)	Hast	7-14-	25	Time	SOU				T1				T2			T3		
Relinquish	ed by: (Signatu	ire)	Date		Time	Received by: (Signature)	Date			Time					AVG	Ten	np °C	L	1					
Sample Mat	rix: S - Soil, Sd -	Solid, Sg - Slu	dge, A - Aque	ous, O - Oth	er	1	Con	tainer	Туре	: g -	glass,	p - p	oly/p	olasti					V - VOA					
						er arrangements are made. Hazardo											_				or the analy	sis of the	above	
						th this COC. The liability of the labor											-			And Ale		Andrew Street, St.		



ent expense. The report for the analysis of the above

Printed: 1/14/2025 8:57:41AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

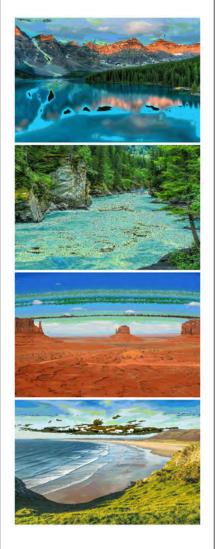
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	San Mateo Stebbins Water Management, LLC	Date Received:	01/14/25	05:00	Work Order ID:	E501071
Phone:	(972) 371-5200	Date Logged In:	01/13/25	13:38	Logged In By:	Keyliegh Hall
Email:	agiovengo@ensolum.com	Due Date:	01/17/25	17:00 (3 day TAT)		
	f Custody (COC)					
	the sample ID match the COC?	stab the COC	Yes			
	the number of samples per sampling site location ma	itch the COC	Yes			
	samples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: Courier		
	ne COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. were	all samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	s/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tl	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes <u>C</u>			
Sample	Container					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers	3?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
	e field sample labels filled out with the minimum inf	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were p	reserved?	No			
	sample(s) correctly preserved?	. 1.0	NA			
	o filteration required and/or requested for dissolved i	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be anal	yzed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and i	•	No NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501086

Job Number: 23003-0002

Received: 1/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/20/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/20/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501086

Date Received: 1/15/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2025 7:30:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01-0'	5
BH01-2'	6
BH02-0'	7
BH02-2'	8
BH02-3'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/20/25 12:43

Client Sample ID	Lab Sample ID Matrix	Sampled R	eceived	Container
BH01-0'	E501086-01A Soil	01/13/25 01	1/15/25	Glass Jar, 2 oz.
BH01-2'	E501086-02A Soil	01/13/25 01	1/15/25	Glass Jar, 2 oz.
BH02-0'	E501086-03A Soil	01/13/25 01	1/15/25	Glass Jar, 2 oz.
BH02-2'	E501086-04A Soil	01/13/25 01	1/15/25	Glass Jar, 2 oz.
BH02-3'	E501086-05A Soil	01/13/25 01	1/15/25	Glass Jar. 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/20/2025 12:43:33PM

BH01-0' E501086-01

		2001000 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2503051
Benzene	ND	0.125	5	01/15/25	01/16/25	
Ethylbenzene	ND	0.125	5	01/15/25	01/16/25	
Toluene	ND	0.125	5	01/15/25	01/16/25	
o-Xylene	ND	0.125	5	01/15/25	01/16/25	
p,m-Xylene	ND	0.250	5	01/15/25	01/16/25	
Total Xylenes	ND	0.125	5	01/15/25	01/16/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2503051
Gasoline Range Organics (C6-C10)	ND	100	5	01/15/25	01/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2503066
Diesel Range Organics (C10-C28)	1830	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	584	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		126 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2503080
Chloride	4740	40.0	2	01/16/25	01/16/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/20/2025 12:43:33PM

BH01-2'

		D (*				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: SL		Batch: 2503051
Benzene	ND	0.0250	1	01/15/25	01/16/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/16/25	
Toluene	ND	0.0250	1	01/15/25	01/16/25	
o-Xylene	ND	0.0250	1	01/15/25	01/16/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/16/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/16/25	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		118 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2503080
Chloride	1020	20.0	1	01/16/25	01/16/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/20/2025 12:43:33PM

BH02-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2503051
Benzene	ND	0.0250	1	01/15/25	01/16/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/16/25	
Toluene	ND	0.0250	1	01/15/25	01/16/25	
o-Xylene	ND	0.0250	1	01/15/25	01/16/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/16/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/16/25	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2503051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2503066
Diesel Range Organics (C10-C28)	146	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	54.8	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		124 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2503080
Chloride	6950	100	5	01/16/25	01/16/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/20/2025 12:43:33PM

BH02-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503051
Benzene	ND	0.0250	1	01/15/25	01/16/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/16/25	
Toluene	ND	0.0250	1	01/15/25	01/16/25	
o-Xylene	ND	0.0250	1	01/15/25	01/16/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/16/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/16/25	
Surrogate: 4-Bromochlorobenzene-PID		91.6%	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		124 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2503080
		20.0		01/16/25	01/16/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/20/2025 12:43:33PM

BH02-3'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2503051
Benzene	ND	0.0250	1	01/15/25	01/16/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/16/25	
Toluene	ND	0.0250	1	01/15/25	01/16/25	
o-Xylene	ND	0.0250	1	01/15/25	01/16/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/16/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/16/25	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2503051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	01/15/25	01/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2503066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/16/25	
Surrogate: n-Nonane		130 %	50-200	01/15/25	01/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2503080
Chloride	1420	20.0	1	01/16/25	01/16/25	



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2503051-MSD1)

QC Summary Data

San Mateo Stebbins Water Management, LLC Shinnery Oak SWD #001 Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 1/20/2025 12:43:33PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2503051-BLK1) Prepared: 01/15/25 Analyzed: 01/16/25 ND 0.0250 ND 0.0250 Ethylbenzene Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.60 8.00 82.4 70-130 LCS (2503051-BS1) Prepared: 01/15/25 Analyzed: 01/16/25 4.76 5.00 95.2 70-130 Benzene 0.0250 Ethylbenzene 4.60 0.0250 5.00 92.0 70-130 4.71 0.0250 5.00 94.2 70-130 Toluene 91.5 o-Xylene 4.57 0.0250 5.00 70-130 9.38 10.0 93.8 70-130 0.0500 p.m-Xvlene 93.0 70-130 13.9 0.0250 15.0 Total Xylenes 8.00 81.5 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.52 Matrix Spike (2503051-MS1) Source: E501081-05 Prepared: 01/15/25 Analyzed: 01/15/25 4.69 0.0250 5.00 ND 54-133 Benzene ND 91.3 61-133 Ethylbenzene 4.56 0.0250 5.00 Toluene 4.64 0.0250 5.00 ND 92.8 61-130 4.57 5.00 ND 91.5 63-131 0.0250 o-Xylene

							1 .		,	
Benzene	4.99	0.0250	5.00	ND	99.7	54-133	6.18	20		
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133	6.07	20		
Toluene	4.93	0.0250	5.00	ND	98.6	61-130	6.05	20		
o-Xylene	4.85	0.0250	5.00	ND	96.9	63-131	5.78	20		
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131	6.04	20		
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131	5.95	20		
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.7	70-130				

10.0

15.0

8.00

ND

ND

93.0

Source: E501081-05

63-131

63-131

70-130

9.30

7.48

0.0500

0.0250

Prepared: 01/15/25 Analyzed: 01/15/25

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/20/2025 12:43:33PM

	Non	halogenated	Organics I	oy EPA 801	15D - GI	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503051-BLK1)							Prepared: 0	1/15/25 Anal	yzed: 01/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			
LCS (2503051-BS2)							Prepared: 0	1/15/25 Anal	yzed: 01/16/25
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
Matrix Spike (2503051-MS2)				Source:	E501081-0	05	Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			

50.0

8.00

ND

90.9

93.6

70-130

70-130

12.7

20

20.0

7.49

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/20/2025 12:43:33PM

	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503066-BLK1)							Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.5		50.0		121	50-200			
LCS (2503066-BS1)							Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	60.5		50.0		121	50-200			
Matrix Spike (2503066-MS1)				Source:	E501085-	03	Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Diesel Range Organics (C10-C28)	333	25.0	250	46.0	115	38-132			
Surrogate: n-Nonane	64.7		50.0		129	50-200			
Matrix Spike Dup (2503066-MSD1)				Source:	E501085-	03	Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Diesel Range Organics (C10-C28)	323	25.0	250	46.0	111	38-132	2.83	20	
Surrogate: n-Nonane	61.7		50.0		123	50-200			



Chloride

Chloride

Matrix Spike Dup (2503080-MSD1)

QC Summary Data

San Mateo Stebbins Water Manage 5400 LBJ Freeway, Suite 1500	ement, LLC	Project Name: Project Number:		hinnery Oak S 3003-0002	WD #001				Reported:
Dallas TX, 75240		Project Manager	: A	shley Gioveng	go			1	/20/2025 12:43:33PM
		Anions	by EPA	300.0/9056	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503080-BLK1)							Prepared: 0	1/16/25 Ar	nalyzed: 01/16/25
Chloride	ND	20.0							
LCS (2503080-BS1)							Prepared: 0	1/16/25 Ar	nalyzed: 01/16/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2503080-MS1)				Source:	E501092-	02	Prepared: 0	1/16/25 Ar	nalyzed: 01/16/25

250

250

100

100

ND

ND

102

102

Source: E501092-02

80-120

80-120

0.0294

Prepared: 01/16/25 Analyzed: 01/16/25

20

255

255

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

l	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/20/25 12:43

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



	Page		of	Rec
ate			1	Received by OCD: 8/14/2025 10:10:27 AM
T	TX			d by
				000
gra	m		1	ij
(RC	RA		∞
				14,
Y	or	N		20
_				25
				10.
ks				07:
_		-	1	:2
				1
_			1	3

Client: San Project: Sh Project Mar Address: 3: City, State, Phone: 575 Email: agio	ninnery Oak nager: Ask 122 Nation	nley Giov)1					Invoice Information		Lab Use Only							-			
Project: Sh Project Mar Address: 3: City, State, Phone: 575 Email: agio	ninnery Oak nager: Ask 122 Nation	nley Giov)1			Company: Ensolum LLC		L	ab W	0#	- · ·	Job	Num	ber	_	1D 2	2D 3D	Std	NM CO UT TX	X
Project Mar Address: 3: City, State, Phone: 575 Email: agio	nager: Ash 122 Nation	nley Giov			X 1	Address: 3122 National Parks H	lwy		ab W	010	800	23	2003	$\cdot \infty$	2			х	x	
Address: 3: City, State, : Phone: 575 Email: agio	122 Nation		engo			City, State, Zip: Carlsbad NM, 8	8220													
City, State, Phone: 575 Email: agio		nal Parks				Phone: 575-988-0055						Ana	lysis	and	Meth	nod			EPA Program	
Phone: 575 Email: agio			17-16 T. F		= 1	Email: agiovengo@ensolum.c	om							1			- 1- 7		SDWA CWA F	RCRA
Time Da	5-988-0055		COLLO			Miscellaneous:													7 7 7 7 7 7 7 7	
Time D			om			Wilderianeous.				0 10									Compliance Y o	r N
I Da	overigo @ ci	isolali.c	0111						100	8015					134	20			PWSID#	
I Da				Samp	ple Inforn	nation				DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	rceq 1005 - TX	RCRA 8 Metals				
I Da	Sec. 256.1	7750.00	No. of				P :	Lat	0	0/0	y y	by	oride	200	1100	A 88			Remarks	
	ate Sampled	Matrix	Containers			Sample ID	E E	Lat Numl	ber	DRO GR	BTE	Voc	Chlo	BGD	TCEC	RCR				
12:40 1	1/13/2025	S	1			BH01 - 0'	7	1						х						
13:02	1/13/2025	S	1			BH01 - 2'		Z						х						
13:54	1/13/2025	S	1			BH02 - 0'		3						х						
14:09	1/13/2025	S	1			BH02 - 2'		4	1					х						
14:16	1/13/2025	S	1			BH02 - 3'		5			+			x						
												T						-		
Additional	Instructio	ns: Ple	ase CC: cb	urton@e	ensolum.c	om, agiovengo@ensolum.com,	iestrella	@ensc	olum.c	com,	cham	ilton	@ens	olum	ı.con	n, bsir	nmons@	ens	olum.com,	
oaderinto@	@ensolum	.com																		
I, (field sampler	er), attest to the	e validity and	d authenticity	of this samp	le. I am awa	re that tampering with or intentionally misla	peling the sa	ample loc	ation, d	late or t	time of	ollection	on is co	nsider	ed frau	d and m	ay be grou	nds fo	r legal action.	
Sampled by:	_Oluwale Ader	into					- 4		-			-		1				-		2000
Relinquished		re)	Date	14125	DS-U	Received by: (Signature)	Date	-14-0	25	08	05			sampl	es requ ed or re quent d	ceived pa	mai preserva acked in ice a	it an av	ust be received on ice the day the g temp above 0 but less than 6 °C	on .
Relinguished	by (Signato	re) onza	Date	4-25	Time 1530	Received by: (Signature)	Date	14.2	5	16:	30					on ic		b U	se Only N	
Relinguished	by: (Signatu	re)	Date	4.25	Time 22.	Received hyd (Signature)	- Date	15.2	5	13	0			<u>T1</u>			<u>T2</u>		T3	
Relinquished	by: (Signatu	re)	Date		Time	Received by: (Signature)	Date	е	Ti	ime				AVO	3 Ten	np °C_	4			
Sample Matrix:	c: S - Soil, Sd - S	iolid, Sg - Slu	idge, A - Aque	ous, O - Othe	er		Co	ntainer	Type:	g - gla	ass, p	poly	plasti	c, ag	- aml	oer gla	ss, v - VC	A		
Note: Sample	es are discard	ded 14 days	s after result	ts are repor	rted unless	other arrangements are made. Hazardo with this COC. The liability of the labor	us sample	s will be	return	ed to	client c	r dispo	sed of	f at th	e clier	nt expe	nse. The r	eport	for the analysis of the ab	ove



envirotec

Printed: 1/15/2025 8:36:12AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	01/15/25	07:30	Work Order ID:	E501086
Phone:	(972) 371-5200	Date Logged In:	01/14/25	14:59	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/21/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location man	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courie	<u>er</u>	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.	•	Yes		<u>Comment</u>	s/Resolution
	COC in digate standard TAT on Franchised TAT?		Voc			
	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	ample cooler received?		Yes			
	was cooler received in good condition?		Yes			
•	e sample(s) received intact, i.e., not broken?					
			Yes			
	custody/security seals present?		No			
-	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C	•	temperature. <u>1</u>	<u> </u>			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers'	7	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · ·	iois conceica.	105			
	field sample labels filled out with the minimum info	ormation.				
	ample ID?		Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
	<u>reservation</u>					
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
-	imples required to get sent to a subcontract laborato	ry?	No			
	subcontract laboratory specified by the client and it	•	NA	Subcontract Lab: NA		
	struction					
<u>Chemi II</u>	istruction .					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501137

Job Number: 23003-0002

Received: 1/21/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/29/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501137

Date Received: 1/21/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/21/2025 7:00:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

T	itle Page	1
C	Cover Page	2
T	able of Contents	3
S	Sample Summary	5
S	Sample Data	6
	BH03-0'	6
	BH03-1'	7
	BH04-0'	8
	BH04-1'	9
	BH05-0'	10
	BH05-1'	11
	BH06-0'	12
	BH07-0'	13
	BH08-0'	14
	BH08-1'	15
	BH03-1.5'	16
	BH06-2'	17
	BH06-4'	18
	BH07-2'	19
	BH07-4'	20
	BH08-3'	21
C	QC Summary Data	22
	QC - Volatile Organics by EPA 8021B	22
	QC - Nonhalogenated Organics by EPA 8015D - GRO	23
	OC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	24

Table of Contents (continued)

QC - Anions by EPA 300.0/9056A	25
Definitions and Notes	26
Chain of Custody etc.	27

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutoda		
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:		
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/29/25 10:43		

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-0'	E501137-01A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH03-1'	E501137-02A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH04-0'	E501137-03A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH04-1'	E501137-04A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH05-0'	E501137-05A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH05-1'	E501137-06A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH06-0'	E501137-07A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH07-0'	E501137-08A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH08-0'	E501137-09A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH08-1'	E501137-10A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH03-1.5'	E501137-11A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH06-2'	E501137-12A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH06-4'	E501137-13A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH07-2'	E501137-14A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH07-4'	E501137-15A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
BH08-3'	E501137-16A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH03-0' E501137-01

		E301137-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	1.43	0.0250	1	01/21/25	01/23/25	
Toluene	0.972	0.0250	1	01/21/25	01/23/25	
o-Xylene	2.48	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	6.42	0.0500	1	01/21/25	01/23/25	
Total Xylenes	8.89	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	112	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	3590	25.0	1	01/21/25	01/23/25	Т9
Oil Range Organics (C28-C36)	1210	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		158 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2504064
Chloride	9270	100	5	01/21/25	01/22/25	

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH03-1'

E501137-02

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	0.0255	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	0.0275	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	0.0275	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		86.3 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		110 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2504064
Chloride	2450	40.0	2	01/21/25	01/22/25	·



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH04-0'

E501137-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2504044
Benzene	5.01	0.125	5	01/21/25	01/23/25	
Ethylbenzene	17.1	0.125	5	01/21/25	01/23/25	
Toluene	43.9	0.125	5	01/21/25	01/23/25	
o-Xylene	21.0	0.125	5	01/21/25	01/23/25	
p,m-Xylene	61.7	0.250	5	01/21/25	01/23/25	
Total Xylenes	82.7	0.125	5	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	720	100	5	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	15600	250	10	01/21/25	01/24/25	Т9
Oil Range Organics (C28-C36)	4680	500	10	01/21/25	01/24/25	
Surrogate: n-Nonane		545 %	50-200	01/21/25	01/24/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2504064
	1410	20.0		01/21/25	01/22/25	•



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH04-1'

		E501137-04					
Reporting							
Analyte	Result	Limit	Diluti	ion Prepared	l Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2504044	
Benzene	ND	0.0250	1	01/21/25	01/23/25		
Ethylbenzene	0.0642	0.0250	1	01/21/25	01/23/25		
Toluene	0.0390	0.0250	1	01/21/25	01/23/25		
o-Xylene	0.137	0.0250	1	01/21/25	01/23/25		
p,m-Xylene	0.320	0.0500	1	01/21/25	01/23/25		
Total Xylenes	0.456	0.0250	1	01/21/25	01/23/25		
Surrogate: 4-Bromochlorobenzene-PID		85.5 %	70-130	01/21/25	01/23/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2504044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	01/21/25	01/23/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504053	
Diesel Range Organics (C10-C28)	445	25.0	1	01/21/25	01/25/25		
Oil Range Organics (C28-C36)	146	50.0	1	01/21/25	01/25/25		
Surrogate: n-Nonane		122 %	50-200	01/21/25	01/25/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: JM		Batch: 2504064	
Chloride	409	20.0	1	01/21/25	01/22/25		



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH05-0'

E501137-05

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		104 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2504064
Chloride	2710	20.0	1	01/21/25	01/22/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH05-1'

E501137-06

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		83.7 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		107 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2504064
Chloride	5330	40.0	2	01/21/25	01/22/25	•



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH06-0'

E501137-07

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	0.0539	0.0500	1	01/21/25	01/23/25	
Total Xylenes	0.0539	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		85.2 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ar	Analyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		107 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2504064



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH07-0'

E501137-08

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2504044
Benzene	0.0260	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	1.85	0.0250	1	01/21/25	01/23/25	
Toluene	1.70	0.0250	1	01/21/25	01/23/25	
o-Xylene	3.54	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	9.59	0.0500	1	01/21/25	01/23/25	
Total Xylenes	13.1	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	152	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		116 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	2350	25.0	1	01/21/25	01/24/25	Т9
Oil Range Organics (C28-C36)	798	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		161 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2504064
			•	01/21/25	01/22/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH08-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	0.0633	0.0250	1	01/21/25	01/23/25	
Toluene	0.0403	0.0250	1	01/21/25	01/23/25	
o-Xylene	0.120	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	0.245	0.0500	1	01/21/25	01/23/25	
Total Xylenes	0.365	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	348	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	143	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		112 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2504064



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH08-1'

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: SL		Batch: 2504044
ND	0.0250	1	01/21/25	01/23/25	
0.0313	0.0250	1	01/21/25	01/23/25	
ND	0.0250	1	01/21/25	01/23/25	
ND	0.0250	1	01/21/25	01/23/25	
ND	0.0500	1	01/21/25	01/23/25	
ND	0.0250	1	01/21/25	01/23/25	
	85.6 %	70-130	01/21/25	01/23/25	
mg/kg	mg/kg	A	nalyst: SL		Batch: 2504044
ND	20.0	1	01/21/25	01/23/25	
	97.8 %	70-130	01/21/25	01/23/25	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2504053
ND	25.0	1	01/21/25	01/24/25	
ND	50.0	1	01/21/25	01/24/25	
	113 %	50-200	01/21/25	01/24/25	
mg/kg	mg/kg	A	nalyst: JM		Batch: 2504064
	ND 0.0313 ND	ND 0.0250 0.0313 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 mg/kg mg/kg MD 20.0 97.8 % mg/kg MD 25.0	ND 0.0250 1 0.0313 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg 70-130 mg/kg mg/kg 70-130 mg/kg mg/kg A ND 25.0 1	ND 0.0250 1 01/21/25 0.0313 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0500 1 01/21/25 ND 0.0250 1 01/21/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/21/25 mg/kg 70-130 01/21/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/21/25	ND 0.0250 1 01/21/25 01/23/25 0.0313 0.0250 1 01/21/25 01/23/25 ND 0.0250 1 01/21/25 01/23/25 ND 0.0250 1 01/21/25 01/23/25 ND 0.0500 1 01/21/25 01/23/25 ND 0.0250 1 01/21/25 01/23/25 85.6 % 70-130 01/21/25 01/23/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/21/25 01/23/25 mg/kg mg/kg Analyst: SL 01/23/25 mg/kg mg/kg Analyst: NV 01/23/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH03-1.5'

E501137-11								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504044		
Benzene	ND	0.0250	1	01/21/25	01/23/25			
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25			
Toluene	ND	0.0250	1	01/21/25	01/23/25			
o-Xylene	ND	0.0250	1	01/21/25	01/23/25			
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25			
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25			
Surrogate: 4-Bromochlorobenzene-PID		86.2 %	70-130	01/21/25	01/23/25			
Nonhalogenated Organics by EPA 8015D - GRO mg/kg		mg/kg	Anal	yst: SL		Batch: 2504044		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	01/21/25	01/23/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2504053		
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25			
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25			
Surrogate: n-Nonane		111 %	50-200	01/21/25	01/24/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2504064		
Chloride	1800	20.0	1	01/21/25	01/23/25			



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH06-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		119 %	50-200	01/21/25	01/24/25	
	/1	ma/ka	An	alyst: JM		Batch: 2504064
Anions by EPA 300.0/9056A	mg/kg	mg/kg	7 1110	41,501,0111		Batch. 2304004



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH06-4'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		86.3 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		119 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2504064
Chloride	1710	20.0	1	01/21/25	01/23/25	
Chloride	1710	20.0	1	01/21/25	01/23/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH07-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		108 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2504064
Chloride	1870	20.0	1	01/21/25	01/23/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH07-4'

E50	11	25	1 1	_
н 🔿 🗆		•		-

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		108 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: JM		Batch: 2504064
Chloride	1180	20.0	1	01/21/25	01/23/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 10:43:11AM

BH08-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		111 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2504064
· · · · · · · · · · · · · · · · · · ·		20.0		01/21/25	01/23/25	



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

San Mateo Stebbins Water Management, LLC Shinnery Oak SWD #001 Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 1/29/2025 10:43:11AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2504044-BLK1) Prepared: 01/21/25 Analyzed: 01/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.79 8.00 84.9 70-130 LCS (2504044-BS1) Prepared: 01/21/25 Analyzed: 01/23/25 4.97 5.00 99.5 70-130 Benzene 0.0250 Ethylbenzene 4.77 0.0250 5.00 95.4 70-130 97.7 70-130 4.88 0.0250 5.00 Toluene 4.74 94.7 o-Xylene 0.0250 5.00 70-130 9.68 10.0 96.8 70-130 0.0500 p.m-Xvlene 96.1 70-130 14.4 0.0250 15.0 Total Xylenes 8.00 85.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.85 Matrix Spike (2504044-MS1) Source: E501137-05 Prepared: 01/21/25 Analyzed: 01/23/25 Benzene 5.12 0.0250 5.00 ND 54-133 ND 97.4 61-133 Ethylbenzene 4.87 0.0250 5.00 Toluene 5.03 0.0250 5.00 ND 101 61-130

Matrix Spike Dup (2504044-MSD1)				Source:	E501137-0	05	Prepared: 01	1/21/25 Analyzed: 01/23/25
Benzene	4.80	0.0250	5.00	ND	96.0	54-133	6.41	20
Ethylbenzene	4.57	0.0250	5.00	ND	91.5	61-133	6.28	20
Toluene	4.72	0.0250	5.00	ND	94.4	61-130	6.22	20
o-Xylene	4.57	0.0250	5.00	ND	91.4	63-131	6.04	20
o,m-Xylene	9.29	0.0500	10.0	ND	92.9	63-131	6.19	20
Total Xylenes	13.9	0.0250	15.0	ND	92.4	63-131	6.14	20
Surrogate: 4-Bromochlorobenzene-PID	6.78		8.00		84.8	70-130		

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

4.86

9.88

14.7

6.77

ND

ND

ND

97.1

98.8

63-131

63-131

63-131

70-130



Matrix Spike Dup (2504044-MSD2)

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

41.9

7.95

20.0

QC Summary Data

San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001

Reported:

5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002

Dallas TX, 75240
Project Manager: Ashley Giovengo
1/29/2025 10:43:11AM

		,			5-				
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504044-BLK1)							Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			
LCS (2504044-BS2)							Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			
Matrix Spike (2504044-MS2)				Source:	E501137-0	05	Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130			

50.0

8.00

Source: E501137-05

83.8

99.3

70-130

70-130

ND

()	
	envirotech Inc.

Prepared: 01/21/25 Analyzed: 01/23/25

20

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/29/2025 10:43:11AM

	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504053-BLK1)							Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	50-200			
LCS (2504053-BS1)							Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	38-132			
Surrogate: n-Nonane	60.5		50.0		121	50-200			
Matrix Spike (2504053-MS1)				Source:	E501137-1	12	Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	57.5		50.0		115	50-200			
Matrix Spike Dup (2504053-MSD1)				Source:	E501137-1	12	Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	0.371	20	
Surrogate: n-Nonane	59.5		50.0		119	50-200			

Chloride

Chloride

Matrix Spike Dup (2504064-MSD1)

QC Summary Data

San Mateo Stebbins Water Manage 5400 LBJ Freeway, Suite 1500	ement, LLC	Project Name: Project Number:		hinnery Oak S 3003-0002	WD #001				Reported:
Dallas TX, 75240		Project Manager		shley Gioveng	go			1	/29/2025 10:43:11AM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: JM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2504064-BLK1)							Prepared: 0	1/21/25 An	alyzed: 01/22/25
Chloride	ND	20.0							
LCS (2504064-BS1)							Prepared: 0	1/21/25 An	alyzed: 01/22/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2504064-MS1)				Source:	E501137-	04	Prepared: 0	1/21/25 An	alyzed: 01/22/25

250

250

20.0

20.0

409

105

101

Source: E501137-04

80-120

80-120

1.54

Prepared: 01/21/25 Analyzed: 01/22/25

20

672

662

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

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/29/25 10:43

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

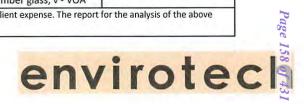
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page	of Receiv
TX	Received by OCD: 8/14/2025 10:10:27 AM
m	3
RCRA	·· ‰
or N	/14/202:
	5 10:10:
	27 AM

	Clie	nt Inforr	nation			Invoice Informati	on				Lal	Us	e On	ly				TA	AT .		Sta	te
Client: S	an Mateo				Con	npany: Ensolum LLC		i	Lab W	VO#			Job I	Vuml	ber		1D	2D	3D St	NN E	co u	TX
Project:	Shinnery O	ak SWD	001		Add	dress: 3122 National Parks	s Hwy		E51	10	13	1	23	Eas	0	20			х	х		JE W
Project N	Manager: As	hley Gio	vengo		City	, State, Zip: Carlsbad NM,	88220			100												
	3122 Nation				Pho	ne: 575-988-0055							Ana	lysis	and	Met	hod			E	PA Prog	ram
City. Stat	e, Zip: Carls	bad NM.	. 88220		Fm	ail: agiovengo@ensolum	ı.com													SDWA	CWA	RCRA
	75-988-005					cellaneous:		_			- 1											
	giovengo@e		com		- IVIIS	chancous.														Complian	nce Y	or N
Email: uj	,ioverigoe-c	noorann.	COM						- 7	801	8015		-	_		Led	s			PWSID #		1 9/1 //
-				Sami	le Informatio	nn .				by 6	by	1021	260	300.0	N	X.	letal			1 110.0		
Time			1	T			ь	Lal	h	ORC	DRC	by 8	by 8	ide	- 20	1005	8				Remark	:s
Sampled	Date Sampled	Matrix	No. of Containers		4	Sample ID	Field	Lal Num	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					
1616	1/17/25	Soil	1		BH	01-0'									x							
1012					BH	01-1'		2	2						х							
1017					BH	02-0'		3	5						x							
1018					BHI	67-11		4							х							
1821					BH (33-0"		5							х							
1023					BHC	3-11		6	7						х							
1026					BHO	4-0'		7							х							
1032					BH O		Ŋ.	8							х							
1638					BH 01	6- 0		9							х							
1640		1	1			6-11		10							х							
Addition	al Instructio	ns: Ple	ase CC: c	burton@e	nsolum.com,	agiovengo@ensolum.com	n, chamilto	on@en	solur	m.co	om, i	estre	ella@	enso	olun	n.con	n					
I, (field samp	oler), attest to the	validity an	d authentici	y of this sampl	e. I am aware that	tampering with or intentionally mis	labeling the sa	mple loc	ation, o	date o	or time	of co	llection	n is cor	nsider	ed frau	d and	may b	e grounds	or legal action	1.	
Sampled by:	Israel Estrella	/ Jenna Hin	kle																			
Relinquishe	ed by: (Signatur	re)	Date		Time	Received by (Signature)	Date		T	lime										must be receive		and the second
Denny	Hinlile		W	20/25	7:20	Munelle Gonza	408/1-	20-2	5	0	720)				ed or re		packed	in ice at an	avg temp above	0 but less tha	an 6 °C on
0 1:	11 10:	-1	D-4		Time	Received by (Signature)	Date	11	T	Time					CHINGE	шен п	AVS		Lab	Jse Only		
Mish	elle Go	wal	es 1-	20:25	1500	Received by (Signature)	1.	20.7	5	10	000				Rec	eived	on	ice:	(Y)	N		
Relinguishe	ed by: (Signatur	e) 0	Date	20.25	77.00	received by (signature)	- Date	21.2	5	7C	0				T1				T2		Т3	
Relinquishe	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		T	Time								4				
							1/4						de suc			Ten			1/2-1			
	rix: S - Soil, Sd - Se																		- VOA	1	1 1	e a Centre
						arrangements are made. Hazard this COC. The liability of the labo										e cliei	it exp	ense.	ine repo	rt for the an	aysis of th	e above

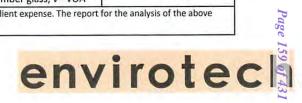




ge <u>2</u>	of Z
	eived by O
CRA N	CD: 8/14/202
	Received by OCD: 8/14/2025 10:10:27 AM

	Clie	nt Inform	ation			Invoice In	formation					La	b Us	e Or	ıly				TA	AT			State	е
Client: S	an Mateo				Com	pany: Ensolum L	LC		_ La	ab W	VO#	.0.	1	Job	Num	ber		1D	2D	3D	Std	NM	CO UT	TX
	Shinnery C	ak SWD 0	001		Addr	ess: 3122 Nation	nal Parks Hwy		_ E	5	011	13	/	23	Num 103	α	2			_	х	х		
	/lanager: As					State, Zip: Carlsk		0												913				
	3122 Natio					e: 575-988-005			2					Ana	lysis	and	Met	hod				EP.	A Progra	am
-	e, Zip: Carls					il: agiovengo@											-					SDWA	CWA	RCRA
	575-988-005					ellaneous:																		
	giovengo@e		om								2	ın										Complianc	e Y	or N
											801	801	_		0		_	s				PWSID#		
-				Sample Ir	nformation	1					Oby	O by	8021	3260	300	Z	5-1	Meta						
Time Sampled	Date Sampled	Matrix	No. of Containers		S	ample ID		Field	Lab Numb	er	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				1	Remarks	
1155	1/17/25	Soil	1		BH	01-1.51	- 1		11							х								
1200						04-21			2							х								
1203						4-41			13							х								
1267									4							x								
						5-21		1	_							1000								
1213						5-41			5							X								
1216		1	1		BHO	16-31		-	6							х								
									17							x								
									18							x								
						+			19							x								
								-	20							x								
Addition	al Instruction	ns: Ple	ase CC: cb	urton@ensol	um.com, a	giovengo@ensol	um.com, char		- 4		m.c	om, i	estr	ella@	ens	olun	n.cor	n	<i>A</i>					
									le I		ales.		- /	U= c+1	- te -	mater-	- d f				ada Es	r logal satiss		
12.0				of this sample. I ar	m aware that t	ampering with or intent	tionally mislabeling	tne sam	ле госа	ition,	date	or time	e of co	nectio	II IS CO	nsider	ea trai	id and	may b	e grour	105 101	regaraction.		
The second second	:Israel Estrella		Date	Time	Te	Pacainad by /Signatu	rol a	Date		Īī	Time					Samp	les requ	iring th	ermal r	oreservat	tion mu	ust be received	on ice the da	y they are
_	ed by: (Signatu	ie)			20 . 1	Received by: (Signatu	and a lee		75			720	1			samp	led or re	eceived				g temp above 0		
m 11 1 1	ed by: (Signatu	rol	D-4-	Time		Received by: Signatu		Date	Col	1	Time	Ide	_			subse	quent c	avs		1a	h H	se Only		
Mick	relle G	merl	es to	10-25 1	COC	Sulver It		1.7	0.	25	1	60	0			Rec	eive	don	ice:) / N			
Relinguish	ed by: (Signatu	re) 💆		20.25 7	200	Received by: Gignatu	na	1.21	25	5	70	00				<u>T1</u>				<u>T2</u>			<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Date	Time	F	Received by: (Signatu	re)	Date		1	Time					AVO	G Ter	np °C		t				
	trix: S - Soil, Sd - S							Conta								c, ag	- am	ber g	lass,					
Note: Sam	ples are discar	ded 14 days	after result	s are reported u	nless other a	rrangements are mad	de. Hazardous sai	mples w	ill be r	returi	ned t	o clie	nt or	dispo	sed of	f at th	e clie	nt exp	ense.	The re	eport	for the anal	ysis of the	above
samples is	applicable onl	y to those s	amples rece	ived by the labor	ratory with th	nis COC. The liability of	of the laboratory	is limite	d to th	he an	noun	t paid	for	on the	repo	rt.								





Printed: 1/21/2025 7:46:41AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	01/21/25			Work Order ID:	E501137
Phone:	(972) 371-5200	Date Logged In:	01/20/25			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/27/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
	he number of samples per sampling site location mat	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	_			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in	the field,	Yes				
Sample '	i.e, 15 minute hold time, are not included in this disucssic Furn Around Time (TAT)	on.				Comment	s/Resolution
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>c</u>				
	Container queous VOC samples present?		No				
	/OC samples collected in VOA Vials?		No NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
	•		NA NA				
	a trip blank (TB) included for VOC analyses?)					
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contair	iers conected?	Yes				
Field La	field sample labels filled out with the minimum info						
	ample ID?	imation.	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		No				
Sample l	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborator	rv ⁹	No				
	a subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	o NA		
	nstruction			Successive Duc	,,,,,,		
CHCHT	nstruction						

Date

Page 30 c	

	Clie	nt Inform	nation			Invoice Information				L	ab Us	e On	ly				TA	T		State		
Client: S	an Mateo					Company: Ensolum LLC		La	b WC)# _		Job 1	Vum	ber		1D	2D	3D :	Std	NM CO UT 1	X	
Project:	Shinnery O	ak SWD (001			Address: 3122 National Parks Hw		E	50	0113	7	23	80	000	2			,	K	X		
Control of the last of the las	Manager: As	The same of the sa				City, State, Zip: Carlsbad NM, 882	20						190			20.15		4		CANCEL STREET		
	3122 Natio		Tarrest Control			Phone: 575-988-0055						Ana	lysis	and I	Meth	nod				EPA Program		
	e, Zip: Carls		88220			Email: agiovengo@ensolum.cor	n										100			SDWA CWA	RCRA	
	575-988-005					Miscellaneous:			97		- 1											
Email: a	giovengo@e	nsolum.c	om						15	8015										Compliance Y	or N	
							Tel		V 80		=	0	0.0	5	2	sla				PWSID#		
7				Samı	ple Inforn	nation			RO b	ROb	/ 802	826	e 30	Z.	05-1	Met					1	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Filter	Lab Numbe	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks		
1010	1117/25	Soil	1		13	SHG/3-0'		1						х						Changed		
1012					B	H 0/3-1'		2						х						Sample 1	hm	2
1017					B	H 074-0'		3						х						Der Clien	t.	
1018					B	HO74-11		4						х						1/28/25		
1021					B+	1050		5						х						Gui		
1023					BH	16B-11		6						x							3	
1026					BH	04/001		7						x								
1032					BH	08201		8						х								
1038					Вн	048-+ 01		9						х								
1040	1	1			BH	08-1.		10						х								
Lips						om, agiovengo@ensolum.com, cha																
Sampled by:	Israel Estrella	/ Jenna Hink		of this sampl	e. I am awar	e that tampering with or intentionally mislabelin	g the sar	mple locat	ion, dat	e or tim	e of co	llection	is con	siderec	fraud	and m	nay be	ground	ds for l	legal action.		
Donny	ed by: (Signature)		Date 1/2	0/25	Time 7:20	Received by (Signature)	Date 1-	20-25	Tim	e 0721	۷									at be received on ice the day the temp above 0 but less than 6 °		
Mish	ed by: (Signatur	marle	Date 1-5	10.25	Time 1500	Received by (Signature)	Date	10.29	Tim			318		Rece	ived	on ic	ce:		b Use	e Only		
Relinguish	ed by: (Signatur	e) 0	Date	20.25	Time 22c	reserved by senature non	Date 1.2	1.25	Tim 7	00)			T1				T2		Т3		
Relinquishe	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Tim	e				AVG	Tem	p°C	4					
	ix: S - Soil, Sd - So							tainer Ty					lastic	, ag -	ambe	er gla						
Note: Samp	les are discard	ed 14 days	after result	s are report	ed unless o	ther arrangements are made. Hazardous s	amples	will be re	turnec	to clie	nt or o	dispos	ed of	at the	client	expe	nse. 1	The rep	port f	or the analysis of the ab	ove	
samples is	applicable only	to those sa	imples rece	ived by the	laboratory	with this COC. The liability of the laborator	y is limit	ted to the	amou	int paid	for o	n the r	eport									



envirotech 9431

Client Information	Invoice Information				Lal	b Us	e Onl	у				TA	Т			State		
Client: San Mateo	Company: Ensolum LLC		Lab W	/O# .	2	1	Job N	lumb	er		1D	2D	3D St	d	NM	CO UT	TX	
Project: Shinnery Oak SWD 001	Address: 3122 National Parks Hwy		Lab W	011	3	/	230	03.	ω	2			Х		х			
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 88220)									La constitution of	40		1		-		
Address: 3122 National Parks Hwy	Phone: 575-988-0055						Anal	lysis i	and I	Meth	nod			N		A Progra		
City, State, Zip: Carlsbad NM, 88220	Email: agiovengo@ensolum.com													SE	AWG	CWA	RCRA	
Phone: 575-988-0055	Miscellaneous:		1							(
Email: agiovengo@ensolum.com	A DESCRIPTION OF THE PARTY OF T			15	8015										nplian	e Y	or N	
	AND THE RESERVE OF THE PARTY OF	- 1 "		y 80	y 80	21	9	0.0	NN	X	tals			PW	/SID#			
Sample Info				ROP	ROE	y 80.	/ 826	Je 30	Z	- 500	Me					Damada		
Time Sampled Date Sampled Matrix No. of Containers		Filter	Lab mber	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC-	TCEQ 1(RCRA 8					Remarks		
1155 1/17/25 Soil 1	BHO+3-1.5'	1							х									
1200	BH04-2'	12	7						x									
1203	BH04-4'	13	3						х									
ni67	BH05-21	16	1						x									
1713	BH05-41	12	5						x									
1216	BH48-31	1	6						x									
		1-	7						x									
		1	8						x									
	+	10							x									
		1	20						х									
Additional Instructions: Please CC: cburton@ensolur	m.com, agiovengo@ensolum.com, chan	nilton@	ensolu	m.co	om, i	estr	ella@	enso	olum	.com	1							
, (field sampler), attest to the validity and authenticity of this sample. I am	aware that tampering with or intentionally mislabeling	the sample	location,	date o	or time	e of co	llection	n is con	sidere	d frau	d and	may be	e grounds	for lega	al action.			
Sampled by:Israel Estrella / Jenna Hinkle	In the design of the second	Inate	15	Time		- 1			Sample	es requi	ring th	ermal p	reservation	must be	received	on ice the d	ay they are	
Relinquished by: (Signature) Date Time Time	20 · Misher Gonzales	1-20	75	15	720	>		Page 1	sample	ed or re	ceived					but less tha		
	Received by: (Signature)	Date	063	Time	100		18		subsec	ment d	avs		Lab	Use (Only			
Michelle Gonzales 1-20-25 15	ioo Lili H.	1.20	0.75	_/	60	0			Rece	eived	oni	ice:	01					
	Zoo Cath Ma	1.21.	25	70	00				<u>T1</u>			_,	<u>T2</u>			<u>T3</u>		-
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time					AVG	Ten	np °C		<i>t</i>				1	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Contain	er Type	: g - l	glass	, p - [ooly/p	olastic	, ag	- amb	oer g	lass, v	V-VOA		.b	husia of al	a above	
Note: Samples are discarded 14 days after results are reported unle	ess other arrangements are made. Hazardous sar	mples will is limited	be return to the an	ned t	to clie	nt or	dispos on the	repor	at the	e clien	it exp	ense.	ine rep	ort for	tne ana	iysis of the	above	

envirotech Page 162 of 431

Page 31 of 31

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501150

Job Number: 23003-0002

Received: 1/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/28/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/28/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501150

Date Received: 1/22/2025 7:15:45AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2025 7:15:45AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH04 @ 3'	5
BH04 @ 5'	6
BH06 @ 5.5'	7
BH07 @ 5.5'	8
QC Summary Data	9
QC - Volatile Organics by EPA 8021B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 15:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 @ 3'	E501150-01A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
BH04 @ 5'	E501150-02A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
BH06 @ 5.5'	E501150-03A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
BH07 @ 5.5'	E501150-04A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 3:46:17PM

BH04 @ 3' E501150-01

Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	0.0517	0.0500	1	01/22/25	01/25/25	
Total Xylenes	0.0517	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	53.0	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		119 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: AK		Batch: 2504084
Chloride	874	20.0	1	01/22/25	01/28/25	

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 3:46:17PM

BH04 @ 5' E501150-02

		E301130-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				•		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	240	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	141	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		119 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2504084
Chloride	1110	20.0	1	01/22/25	01/25/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 3:46:17PM

BH06 @ 5.5' E501150-03

	1301130 05				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2504076
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0500	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
	86.2 %	70-130	01/22/25	01/25/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504076
ND	20.0	1	01/22/25	01/25/25	
	93.9 %	70-130	01/22/25	01/25/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2504081
ND	25.0	1	01/22/25	01/22/25	
ND	50.0	1	01/22/25	01/22/25	
	116 %	50-200	01/22/25	01/22/25	
mg/kg	mg/kg	Ana	lyst: AK		Batch: 2504084
1390	20.0		01/22/25	01/28/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 86.2 % mg/kg mg/kg mg/kg ND 20.0 93.9 % mg/kg ND 25.0 ND 50.0 116 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 86.2 % 70-130 mg/kg mg/kg Ana ND 20.0 1 93.9 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 116 % 50-200 mg/kg Mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/22/25 ND 0.0250 1 01/22/25 ND 0.0250 1 01/22/25 ND 0.0500 1 01/22/25 ND 0.0250 1 01/22/25 ND 0.0250 1 01/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/22/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/22/25 ND 50.0 1 01/22/25 ND 50.0 1 01/22/25 ND 50.0 1 01/22/25 Mg/kg Mg/kg Analyst: AK	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 ND 0.0500 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/22/25 01/25/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/22/25 01/25/25 ND 25.0 1 01/22/25 01/22/25 ND 50.0 1 01/22/25 01/22/25 ND 50.0 1 01/22/25 01/22/25 Mg/kg mg/kg Analyst: AK </td



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 3:46:17PM

BH07 @ 5.5'

		E501150-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		115 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2504084
Chloride	1440	20.0	1	01/22/25	01/28/25	



Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240		Project Manager	: As	shley Gioveng	go			1/	28/2025 3:46:17PM			
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2504076-BLK1)]	Prepared: 0	1/22/25 Ana	lyzed: 01/25/25			
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	6.66		8.00		83.2	70-130						
LCS (2504076-BS1)]	Prepared: 0	1/22/25 Ana	lyzed: 01/25/25			
Benzene	4.82	0.0250	5.00		96.4	70-130						
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130						
Toluene	4.74	0.0250	5.00		94.8	70-130						
o-Xylene	4.59	0.0250	5.00		91.9	70-130						
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130						
Total Xylenes	13.9	0.0250	15.0		93.0	70-130						
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130						
LCS Dup (2504076-BSD1)]	Prepared: 0	1/22/25 Ana	lyzed: 01/25/25			
Benzene	4.17	0.0250	5.00		83.4	70-130	14.5	20				
Ethylbenzene	3.97	0.0250	5.00		79.3	70-130	15.0	20				

5.00

5.00

10.0

15.0

8.00

81.7

78.8

80.6

70-130

70-130

70-130

70-130

70-130

14.9

15.3

14.8

20

20

20

0.0250

0.0250

0.0500

0.0250

4.08

3.94

8.06



QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/20253:46:17PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: SL

Analyte R	Report Result Limi		Source Result	Rec	Rec Limits	RPD	RPD Limit	
n	ng/kg mg/kş	g mg/kg	mg/kg	%	%	%	%	Notes

Blank (2504076-BLK1)						Prepared: 0	1/22/25	Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00	98.5	70-130			
LCS (2504076-BS2)						Prepared: 0	1/22/25	Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	81.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00	98.9	70-130			
LCS Dup (2504076-BSD2)						Prepared: 0	1/22/25	Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	84.1	70-130	2.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00	98.5	70-130			



QC Summary Data

San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001
S400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240
Project Manager: Ashley Giovengo

	Nonha	logenated Or	ganics by 1	EPA 8015I) - DRO	/ORO			Analyst: NV	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2504081-BLK1)							Prepared: 0	1/22/25	Analyzed: 01/22/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	58.0		50.0		116	50-200				
LCS (2504081-BS1)							Prepared: 0	1/22/25	Analyzed: 01/22/25	
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132				
Surrogate: n-Nonane	56.1		50.0		112	50-200				
Matrix Spike (2504081-MS1)				Source:	E501149-0)1	Prepared: 0	1/22/25	Analyzed: 01/22/25	
Diesel Range Organics (C10-C28)	1340	25.0	250	1230	42.0	38-132				
Surrogate: n-Nonane	58.4		50.0		117	50-200				
Matrix Spike Dup (2504081-MSD1)				Source:	E501149-0)1	Prepared: 0	1/22/25	Analyzed: 01/22/25	
Diesel Range Organics (C10-C28)	1310	25.0	250	1230	31.3	38-132	2.04	20	M4	
Surrogate: n-Nonane	59.6		50.0		119	50-200				



Chloride

QC Summary Data

San Mateo Stebbins Water Manageme 5400 LBJ Freeway, Suite 1500	nt, LLC	Project Name: Project Number:		ninnery Oak S 3003-0002	SWD #001				Reported:
Dallas TX, 75240		Project Manager	: A	shley Gioven	go				1/28/2025 3:46:17PM
		Anions	by EPA 3	300.0/9056	A				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504084-BLK1)							Prepared: 0	1/22/25 A	nalyzed: 01/24/25
Chloride	ND	20.0							
LCS (2504084-BS1)							Prepared: 0	1/22/25 A	analyzed: 01/25/25
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2504084-MS1)				Source:	E501150-0)2	Prepared: 0	1/22/25 A	nalyzed: 01/25/25
Chloride	1360	20.0	250	1110	99.4	80-120			
Matrix Spike Dup (2504084-MSD1)				Source:	E501150-0)2	Prepared: 0	1/22/25 A	nalyzed: 01/25/25

250

20.0

1110

99.1

80-120

0.0558

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

I	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 15:46

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.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

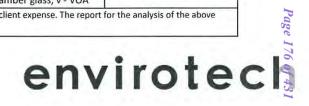
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page

Client Information Client: San Mateo						Invoice Information						La	b Us	e Or	ly	TAT						State		
						Company: Ensolum LLC			1	Lab WO# Job Nu						ber		1D 2D 3D Sto			NM CO UT TX		TX	
Project: Shinnery Oak SWD 001						Address: 3122 National Parks Hwy				EE	50115U 23M						03.000Z				X			
Project Manager: Ashley Giovengo						City, State, Zip: Carlsbad NM, 88220																		
Address: 3122 National Parks Hwy						Phone: 575-988-0055					Analys					sis and Method					E	EPA Program		
City, Stat	te, Zip: Carls	bad NM,	88220			Email: agiovengo@ensolum.com															SDWA	CWA	RCRA	
	575-988-005					Miscellaneous:													. 1					
Email: a	giovengo@e	nsolum.c	om						15	15	15									Compliance Y or N				
_											v 80	y 80			0.0	-	×	als			PWSID #			
				Sam	ple Inforr	mation					RO b	RO b	y 802	8260	e 300	N.	05 - T)	Meta			7 - 7			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID			Field	Filter Fall		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks		
11:30	1/20/2025	S	1		BH04 @ 31				1							х								
11:52	1/20/2025	S	1			BH	104 @ 5'		2							х								
12:32	1/20/2025	S	1			ВН	06 @ 5.5'		3							х								
13:16 1/20/2025 S 1			ВН	07 @ 5.5'		4							х											
									1											-	1			
										I A														
				}																				
Addition	al Instructio	ns: Ple	ase CC: ch	urton@e	nsolum o	om as	giovengo@ensolum.co	m chamilte	n@en	solu	ım.c	om i	estr	ella@	Dens	olum	1 con	n hd	eal@	ensolui	n com			
A Property of the Control of the Con	ns@ensolum					,	graven.Back entransmitter	,				···.,				o.u.,		.,	cuic	ciisoia				
I, (field sam	pler), attest to the	e validity and	authenticity	of this samp		re that ta	ampering with or intentionally m	islabeling the sa	ample loc	ation,	, date	or time	e of co	llectio	n is co	nsider	ed frau	d and	may be	grounds f	or legal action	1.		
THE REAL PROPERTY.	:Higinio Go	to rate of the second	The state of the s																					
Relinquish	ed by: (Signatu	re)	Date	21-75	1300		eceived by: (Signature)	Date	11. 1	-	Time	800	1								nust be receive by temp above		And the second second	
Palipaviel	ed by Signatur	0 100	Date	21-15	Time		ecayed by: (Signature)	Date	3/10/)	Time	000					quent d		-	220 0 000	Carlo Carlo Carlo			
Mich	refle Go	mari	es 1-9	1.25	1630)	W X		21.	_	7.000	20	0			Rec	eived	l on i	ce:	(Y)	Jse Only N			
Relingaish	ed by: (Signatur	re)	l.7	1.25	73	15/	ecoved by: (Signature)	Date	7.7	5	Time	15				T1				T2		T3		
Relinquish	ed by: (Signatur	re)	Date		Time	R	eceived by: (Signature)	Date			Time					ΔΛΑ	i Ten	an °C	4					
Sample Mat	trix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aqued	ous, O - Othe	er			Cor	ntainer	Туре	: g -	glass	p - p	ooly/i	olasti					- VOA	T			
						other ar	rangements are made. Hazar				_	_									t for the an	alysis of the	above	
							is COC. The liability of the lab										-				77.00			





envirotech Inc.

Printed: 1/22/2025 8:42:33AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

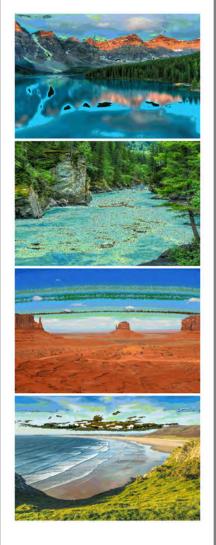
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	San Mateo Stebbins Water Management, LLC	Date Received:	01/22/25	07:15		Work Order ID:	E501150
Phone:	(972) 371-5200	Date Logged In:	01/21/25	16:29		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:		17:00 (4 day TAT)		Logged in Dy.	1100 2010
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC) The sample ID match the COC? The number of samples per sampling site location may amples dropped off by client or carrier? The COC complete, i.e., signatures, dates/times, reque complete received within holding time? The Note: Analysis, such as pH which should be conducted its	sted analyses?	Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
	i.e, 15 minute hold time, are not included in this disucssi					Comment	s/Resolution
	COC in direct conduct TAT		V				
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	ample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
	custody/security seals present?		Yes				
			No				
12. Was the	were custody/security seals intact? e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	NA Yes <u>C</u>				
Sample C	Container_						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa D	oel field sample labels filled out with the minimum information ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes Yes				
Sample P	reservation_						
21. Does t	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
26. Does t	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
28. Are sa	act Laboratory umples required to get sent to a subcontract laborate subcontract laboratory specified by the client and i	-	No NA	Subcontract Lab	: NA		
Client In	<u>struction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501159

Job Number: 23003-0002

Received: 1/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/29/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501159

Date Received: 1/23/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2025 8:00:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BH01 @ 2.75'	6
BH09 @ 0'	7
BH09 @ 1'	8
BH10 @ 0'	9
BH10 @ 2'	10
BH11 @ 0'	11
BH11 @ 2'	12
BH11 @ 3'	13
BH12 @ 0'	14
BH12 @ 2'	15
SS05 @ 0'	16
SS05 @ 1'	17
SS10 @ 0'	18
SS10 @ 1'	19
QC Summary Data	20
QC - Volatile Organics by EPA 8021B	20
QC - Nonhalogenated Organics by EPA 8015D - GRO	21
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	22
QC - Anions by EPA 300.0/9056A	23
Definitions and Notes	2/

Table of Contents (continued)

Chain of Custody etc. 25

Page 4 of 27

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/29/25 11:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 @ 2.75'	E501159-01A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
ВН09 @ 0'	E501159-02A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
ВН09 @ 1'	E501159-03A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BH10 @ 0'	E501159-04A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BH10 @ 2'	E501159-05A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BH11 @ 0'	E501159-06A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BH11 @ 2'	E501159-07A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BH11 @ 3'	E501159-08A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BH12 @ 0'	E501159-09A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BH12 @ 2'	E501159-10A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SS05 @ 0'	E501159-11A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SS05 @ 1'	E501159-12A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SS10 @ 0'	E501159-13A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SS10 @ 1'	E501159-14A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH01 @ 2.75' E501159-01

	E301139-01				
	Reporting	5 11			
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2504100
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0500	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
	87.1 %	70-130	01/23/25	01/24/25	
mg/kg	mg/kg	An	alyst: SL		Batch: 2504100
ND	20.0	1	01/23/25	01/24/25	
	95.6 %	70-130	01/23/25	01/24/25	
mg/kg	mg/kg	An	alyst: AF		Batch: 2504108
ND	25.0	1	01/23/25	01/24/25	
ND	50.0	1	01/23/25	01/24/25	
	119 %	50-200	01/23/25	01/24/25	
mg/kg	mg/kg	An	alyst: DT		Batch: 2505002
2500	40.0	2	01/27/25	01/28/25	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 87.1 % mg/kg mg/kg mg/kg ND 20.0 95.6 % mg/kg ND 25.0 ND 50.0 119 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 87.1 % 70-130 mg/kg mg/kg An ND 20.0 1 95.6 % 70-130 1 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 119 % 50-200 mg/kg Mg/kg An	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0500 1 01/23/25 ND 0.0250 1 01/23/25 mg/kg Mg/kg Analyst: SL ND 20.0 1 01/23/25 mg/kg mg/kg Analyst: AF ND 25.6 70-130 01/23/25 ND 25.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 Mg/kg Mg/kg Analyst: AF	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 ND 0.0500 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 mg/kg mg/kg Analyst: SL 01/24/25 mg/kg mg/kg Analyst: SL 01/24/25 mg/kg mg/kg Analyst: AF 01/24/25 ND 25.0 1 01/23/25 01/24/25 ND 25.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND 50.0

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH09 @ 0' E501159-02

d Analyzed Notes Batch: 250410 5 01/24/25 5 01/24/25
5 01/24/25
5 01/24/25
5 01/24/25
5 01/24/25
5 01/24/25
5 01/24/25
5 01/24/25
Batch: 250410
5 01/24/25
5 01/24/25
Batch: 250410
5 01/24/25
5 01/24/25
5 01/24/25
Batch: 250500
5 01/28/25
5 5 5 5 5 5 5 5



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH09 @ 1' E501159-03

	E301139-03				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg mg/kg Analyst: SL			Batch: 2504100		
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
ND	0.0500	1	01/23/25	01/24/25	
ND	0.0250	1	01/23/25	01/24/25	
	84.8 %	70-130	01/23/25	01/24/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100
ND	20.0	1	01/23/25	01/24/25	
	95.8 %	70-130	01/23/25	01/24/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2504108
ND	25.0	1	01/23/25	01/24/25	
ND	50.0	1	01/23/25	01/24/25	
	125 %	50-200	01/23/25	01/24/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2505002
ND	20.0	1	01/27/25	01/28/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 84.8 % mg/kg mg/kg mg/kg ND 20.0 95.8 % mg/kg ND 25.0 ND 50.0 125 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 125 % 50-200 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0500 1 01/23/25 ND 0.0250 1 01/23/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/23/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 Mg/kg Mg/kg Analyst: AF	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 ND 0.0500 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 ND 0.0250 1 01/23/25 01/24/25 MD 0.0250 1 01/23/25 01/24/25 mg/kg mg/kg Analyst: SL ND 01/24/25 MD 20.0 1 01/23/25 01/24/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/23/25 01/24/25 ND 25.0 1 01/23/25 01/24/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH10 @ 0' E501159-04

		E501159-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg mg/kg Analyst: SL			Batch: 2504100	
Benzene	0.743	0.0500	2	01/23/25	01/25/25	
Ethylbenzene	3.06	0.0500	2	01/23/25	01/25/25	
Toluene	6.18	0.0500	2	01/23/25	01/25/25	
o-Xylene	4.58	0.0500	2	01/23/25	01/25/25	
p,m-Xylene	11.9	0.100	2	01/23/25	01/25/25	
Total Xylenes	16.5	0.0500	2	01/23/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: SL			Batch: 2504100	
Gasoline Range Organics (C6-C10)	158	40.0	2	01/23/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.2 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2504108
Diesel Range Organics (C10-C28)	20300	125	5	01/23/25	01/24/25	
Oil Range Organics (C28-C36)	7700	250	5	01/23/25	01/24/25	
Surrogate: n-Nonane		216 %	50-200	01/23/25	01/24/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2505002
Chloride	7090	100	5	01/27/25	01/28/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH10 @ 2' E501159-05

		E301139-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tildiye	resuit	Emit	Ditation	Trepured	7 Hary Zea	rotes
Volatile Organics by EPA 8021B	mg/kg	ng/kg mg/kg Analyst: SL			Batch: 2504100	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	0.0531	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	0.114	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	0.263	0.0500	1	01/23/25	01/25/25	
Total Xylenes	0.376	0.0250	1	01/23/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		86.3 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2504100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2504108
Diesel Range Organics (C10-C28)	117	25.0	1	01/23/25	01/24/25	
Oil Range Organics (C28-C36)	83.8	50.0	1	01/23/25	01/24/25	
Surrogate: n-Nonane		124 %	50-200	01/23/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505002
Chloride	45.3	20.0	1	01/27/25	01/28/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH11 @ 0' E501159-06

	E301137 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100
ND	0.0250	1	01/23/25	01/25/25	
0.0369	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0500	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
	83.6 %	70-130	01/23/25	01/25/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100
ND	20.0	1	01/23/25	01/25/25	
	95.9 %	70-130	01/23/25	01/25/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2504108
ND	25.0	1	01/23/25	01/24/25	
ND	50.0	1	01/23/25	01/24/25	
	121 %	50-200	01/23/25	01/24/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2505002
383	20.0	1	01/27/25	01/28/25	
	mg/kg ND 0.0369 ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 0.0369 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 83.6 % mg/kg ND 20.0 95.9 % mg/kg ND 25.0 ND 50.0 121 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 0.0369 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 83.6 % 70-130 mg/kg mg/kg Anal ND 20.0 1 95.9 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 121 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 0.0369 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0500 1 01/23/25 ND 0.0250 1 01/23/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 01/23/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 mg/kg mg/kg Analyst: AF	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 01/25/25 0.0369 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0500 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 83.6 % 70-130 01/23/25 01/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/23/25 01/25/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/23/25 01/25/25 ND 25.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH11 @ 2' E501159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100
Benzene	ND	0.0500	2	01/23/25	01/25/25	
Ethylbenzene	ND	0.0500	2	01/23/25	01/25/25	
Toluene	ND	0.0500	2	01/23/25	01/25/25	
o-Xylene	ND	0.0500	2	01/23/25	01/25/25	
p,m-Xylene	ND	0.100	2	01/23/25	01/25/25	
Total Xylenes	ND	0.0500	2	01/23/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		85.5 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504100
Gasoline Range Organics (C6-C10)	ND	40.0	2	01/23/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2504108
Diesel Range Organics (C10-C28)	6080	25.0	1	01/23/25	01/24/25	
Oil Range Organics (C28-C36)	57.3	50.0	1	01/23/25	01/24/25	
Surrogate: n-Nonane		122 %	50-200	01/23/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505002
Chloride	1190	20.0	1	01/27/25	01/28/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH11 @ 3' E501159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2504100
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	0.0336	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		85.1 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2504100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2504108
Diesel Range Organics (C10-C28)	550	25.0	1	01/23/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/24/25	
Surrogate: n-Nonane		135 %	50-200	01/23/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2505002
Chloride	1670	40.0	2	01/27/25	01/28/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH12 @ 0' E501159-09

		E301139-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	•		Batch: 2504100
Benzene	ND	0.0250	1	01/23/25	01/25/25	Buten: 2201100
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		85.2 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2504100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: AF		Batch: 2504108
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/24/25	
Surrogate: n-Nonane		118 %	50-200	01/23/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2505002
Chloride	17700	1000	50	01/27/25	01/28/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

BH12 @ 2' E501159-10

yzed Notes
Batch: 2504100
5/25
5/25
5/25
5/25
5/25
5/25
5/25
Batch: 2504100
5/25
5/25
Batch: 2504108
4/25
4/25
4/25
Batch: 2505002
Batch. 2303002



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

SS05 @ 0' E501159-11

E301139-11							
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100	
Benzene	ND	0.0250	1	01/23/25	01/25/25		
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25		
Toluene	ND	0.0250	1	01/23/25	01/25/25		
o-Xylene	ND	0.0250	1	01/23/25	01/25/25		
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25		
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25		
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	01/23/25	01/25/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2504100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	01/23/25	01/25/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2504108	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/24/25		
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/24/25		
Surrogate: n-Nonane		118 %	50-200	01/23/25	01/24/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505002	
Chloride	39.3	20.0	1	01/27/25	01/28/25		



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

SS05 @ 1' E501159-12

	1301137 12				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2504100
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0500	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
	84.1 %	70-130	01/23/25	01/25/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2504100
ND	20.0	1	01/23/25	01/25/25	
	97.4 %	70-130	01/23/25	01/25/25	
mg/kg	mg/kg	Analy	yst: AF		Batch: 2504108
ND	25.0	1	01/23/25	01/24/25	
ND	50.0	1	01/23/25	01/24/25	
	120 %	50-200	01/23/25	01/24/25	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2505002
ND	20.0	1	01/27/25	01/28/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 84.1 % mg/kg ND 20.0 97.4 % mg/kg ND 25.0 ND 50.0 120 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 84.1 % 70-130 mg/kg mg/kg Analy ND 20.0 1 97.4 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 120 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0500 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 mg/kg Malyst: SL ND 01/23/25 mg/kg Analyst: SL ND 01/23/25 mg/kg Mg/kg Analyst: AF ND 25.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 mg/kg Mg/kg Analyst: AF	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0500 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/23/25 01/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/23/25 01/25/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

SS10 @ 0' E501159-13

	E301137 13				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
ND	0.0500	1	01/23/25	01/25/25	
ND	0.0250	1	01/23/25	01/25/25	
	85.1 %	70-130	01/23/25	01/25/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100
ND	20.0	1	01/23/25	01/25/25	
	97.8 %	70-130	01/23/25	01/25/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2504108
ND	25.0	1	01/23/25	01/24/25	
ND	50.0	1	01/23/25	01/24/25	
	118 %	50-200	01/23/25	01/24/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2505002
221	40.0	2	01/27/25	01/28/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 85.1 % mg/kg MD 20.0 97.8 % mg/kg ND 25.0 ND 50.0 118 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 85.1 % 70-130 mg/kg mg/kg Anal ND 20.0 1 97.8 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 118 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0250 1 01/23/25 ND 0.0500 1 01/23/25 ND 0.0250 1 01/23/25 mg/kg mg/kg Analyst: SL MD 20.0 1 01/23/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/23/25 ND 25.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 1 01/23/25 ND 50.0 0 01/23/25 Mg/kg Mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0500 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 ND 0.0250 1 01/23/25 01/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/23/25 01/25/25 mg/kg mg/kg Analyst: SL 01/23/25 01/25/25 mg/kg mg/kg Analyst: AF 01/23/25 01/25/25 ND 25.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/25 01/24/25 ND 50.0 1 01/23/



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

SS10 @ 1' E501159-14

		L301137 14				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504100
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2504108
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/24/25	
Surrogate: n-Nonane		129 %	50-200	01/23/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505002
Chloride	251	20.0	1	01/27/25	01/28/25	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

San Mateo Stebbins Water Management, LLC 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Shinnery Oak SWD #001 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/29/2025 11:04:33AM

Dallas TX, 75240		Project Manager:		shley Gioveng	o			1.	/29/2025 11:04:33AM
		Volatile Organics by EPA 8021B							Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504100-BLK1)						I	Prepared: 0	1/23/25 An	alyzed: 01/25/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.80		8.00		85.0	70-130			
LCS (2504100-BS1)						I	Prepared: 0	1/23/25 An	alyzed: 01/25/25
Benzene	4.60	0.0250	5.00		91.9	70-130			
Ethylbenzene	4.42	0.0250	5.00		88.4	70-130			
Toluene	4.53	0.0250	5.00		90.6	70-130			
o-Xylene	4.41	0.0250	5.00		88.1	70-130			
p,m-Xylene	9.00	0.0500	10.0		90.0	70-130			
Total Xylenes	13.4	0.0250	15.0		89.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.74		8.00		84.2	70-130			
LCS Dup (2504100-BSD1)						I	Prepared: 0	1/23/25 An	alyzed: 01/25/25
Benzene	4.77	0.0250	5.00		95.3	70-130	3.65	20	
Ethylbenzene	4.58	0.0250	5.00		91.6	70-130	3.59	20	
Toluene	4.70	0.0250	5.00		94.0	70-130	3.67	20	
o-Xylene	4.56	0.0250	5.00		91.1	70-130	3.39	20	
p,m-Xylene	9.32	0.0500	10.0		93.2	70-130	3.48	20	
Total Xylenes	13.9	0.0250	15.0		92.5	70-130	3.45	20	



QC Summary Data

San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

S400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 1/29/2025 11:04:33AM

Nonhalogenated	Organics	by	EPA	8015D -	GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2504100-BLK1)						Prepared: 0	1/23/25	Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00	97.7	70-130			
LCS (2504100-BS2)						Prepared: 0	1/23/25	Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	87.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00	99.1	70-130			
LCS Dup (2504100-BSD2)						Prepared: 0	1/23/25	Analyzed: 01/26/25
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0	82.5	70-130	5.66	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00	97.9	70-130			



QC Summary Data

San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001
Reported:
5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240
Project Manager: Ashley Giovengo 1/29/2025 11:04:33AM

,		, .		, .							
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: AF		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2504108-BLK1)							Prepared: 0	1/23/25 Anal	yzed: 01/24/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	59.4		50.0		119	50-200					
LCS (2504108-BS1)							Prepared: 0	1/23/25 Anal	yzed: 01/24/25		
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132					
Surrogate: n-Nonane	56.3		50.0		113	50-200					
Matrix Spike (2504108-MS1)				Source:	E501159-0	04	Prepared: 0	1/23/25 Anal	yzed: 01/24/25		
Diesel Range Organics (C10-C28)	26500	125	250	20300	NR	38-132			M4, T9		
Surrogate: n-Nonane	126		50.0		253	50-200			S5		
Matrix Spike Dup (2504108-MSD1)				Source:	E501159-0	04	Prepared: 0	1/23/25 Anal	yzed: 01/24/25		
Diesel Range Organics (C10-C28)	26700	125	250	20300	NR	38-132	0.556	20	M4, T9		
Surrogate: n-Nonane	126		50.0		253	50-200			S5		



Chloride

QC Summary Data

San Mateo Stebbins Water Manageme 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:		ninnery Oak SWD #001 3003-0002				Reported:			
Dallas TX, 75240		Project Manager		shley Gioveng	go				1/29/2025 11:04:33AM	
		Anions	by EPA	300.0/9056	4				Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2505002-BLK1)							Prepared: 0	1/27/25	Analyzed: 01/28/25	
Chloride	ND	20.0								
LCS (2505002-BS1)							Prepared: 0	1/27/25	Analyzed: 01/28/25	
Chloride	258	20.0	250		103	90-110				
Matrix Spike (2505002-MS1)				Source:	E501159-0	3	Prepared: 0	1/27/25	Analyzed: 01/28/25	
Chloride	275	20.0	250	ND	110	80-120				
Matrix Spike Dup (2505002-MSD1)				Source:	E501159-0	3	Prepared: 0	1/27/25	Analyzed: 01/28/25	

250

20.0

ND

110

80-120

0.0713

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

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/29/25 11:04

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



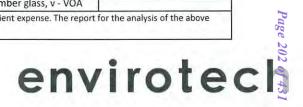
Released to Imaging: 8/19/2025 4:15:43 PM

4
\sim
N
-
0
1
C.
S
\vdash
_
0
-
-
-
-
9
1
 √
< 3
\sim
AM
-
$\overline{}$
-
-

Ġ
of
25
Page

	Clier	nt Inform	nation		Invoice Informa	tion			La	ab Us	e Or	nly				TAT			State	
	n Mateo		7		Company: Ensolum LLC		L	Lab WO# Job Number 2303.0002					1D	2D 3D			CO UT	TX		
	hinnery Oak							E501159 2303.002					1			X	X			
	lanager: Ash				City, State, Zip: Carlsbad NN	Л, 88220	-				Ann	husis	224	Mat	had		-	ED	Drogram	
	3122 Nation e, Zip: Carlsh		The State of the S		Phone: 575-988-0055 Email: agiovengo@ensolu	m com		-			Ana	ilysis	anu	Met	noa			SDWA	CWA CWA	RCRA
	575-988-0055		00220		Miscellaneous:	III.COIII	_											JUVA	CVVA	Henry
	giovengo@er		om		This contained as			53	5									Compliance	e Y	or N
								y 8015	y 80	21	0	0.0	5	×	sals			PWSID#		
				Sample In	formation	L	J	ORO b	ORO b	y 80	y 826	de 30	C-N	- 500	8 Me					
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lab Numb	per DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			1	Remarks	
900	01-21-25	5	1	BHOI	@ 2.75'		1				1		X	E						TX TX RCRA
940		5	1	BH09	@ 0'		2						X							
944		5	1	BH09	@ 1'		3						X							
102		5	i	BH10	@ 0'		4	4					×							
117		5	1	BH10	@ 2'		5						X							
1219		5	Ì	BH 11	@ 0'		6						X							
1231		5	1	BHII	@ 2'		7						×							
307		5	1	BHII	@ 3'		8						X							
1235		5	1	BHIZ	@0'		9						Y							
1258		5	1	BHIZ	C 2'		10						×							
					um.com, agiovengo@ensolum.co	m, chamilt	on@en	solum.	om,	iestr	ella@	ens	olum	ı.con	ı, bd	eal@ens	olum	.com,		
				ensolum.com	n aware that tampering with or intentionally n	rialabalina tha a	enemia lan	ntian data	+1		llastia	n is so	naidar	ad fran	dond	nau ha arau	unde for	logal action		
mpled by			wale Aderinto		maware that tampering with or intentionally h	naiabening tile s	outuble loca	ation, date	or till	ic or co	Mectio	11 13 00	naide (u irau	o and	my be giou		egai action.		
	ed by: (Signatur		Date	-22-25 08	Received by (Signature)	ales Dat	te	5 Time	80	O			sample	ed or re	ceived	The state of the s		ist be received o g temp above 0 b		
Mich	ed by: (Signator	enzal	Date	Time	Received by: (Signature)	Dat		Time						eived			ab Us Y N	se Only		
elinquish ///LC	ed by: (Signatur		Date	2-25 ZI	30 (Senature)	Dat	23.2	258	0)			<u>T1</u>						гз	
elinquish	ed by: (Signatur	re)	Date	Time	Received by: (Signature)	Dat		Time						i Ten		4				
mnle Mat	rix: S - Soil, Sd - So	olid, Sg - Slu	dge, A - Aque	ous, O - Other		Co	ntainer	Type: g -	glass	, p - 1	ooly/	plasti	c, ag	- amb	er gl	ass, v - VC	AC			





Released to Imaging: 8/19/2025 4:15:43 PM

Page _	'2 of	
	_	

Client Information		Invoice	Information			La	b Us	e On	ly	TAT				T	State						
Client: Sa Project: S Project M	Shinnery	Oak S				Company: Ensolum Address: 3122 Nati City, State, Zip: Car	ional Parks Hwy	Lab E	Wo#	15	9	Job 1 23	Num	ber •00	32	1D	2D	3D Std	NM X	CO UT	TX
Address:						Phone: 575-988-0			Analysis					and	Met	hod			EF	A Progra	ım
City, Stat			ad NM,	88220		Email: agiovengo	Email: agiovengo@ensolum.com									- 1			SDWA	CWA	RCRA
Phone: 5				CAL-		Miscellaneous:													Complian	ce Y	or N
Email: a	giovengo	@en	solum.c	om					8015	8015			0			s			PWSID #	e i i	OI N
-					Sample I	nformation			O by	O by	8021	8260	300.	NM	5 - TX	Metal					
Time Sampled	Date Sam	pled	Matrix	No. of Containers		Sample ID	Field	Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
1326	01-21	-25	5	1	5505	@ 0'		11						X							
1330			5	1	5505	@ 1'		12						X							
1433			5	1	5510	@ 0'		13						X							
1437	1		5	1	5510	@ 1'		14						X							
				4 1																	
bsimmo	ns@ense	olum.	com, igo	onzalez@	ensolum.com	lum.com, agiovengo@ens															
Sampled by:				vale Aderinto		m aware that tampering with or into	entionally mislabeling the sa	imple locatio	on, date	or time	e or cc	nectio	n is coi	isidere	eumau	u anu i	пау ре	grounds ic	or legal action.		
Relinquish				Date	Time	Received by (Signal)	Gonzales 1-	22:15	Time	80	50			sample		ceived p			nust be received vg temp above (0.00
Relinguish	relle	nature	nzal	Date	Time		// //	22-25	Time	20						l on i	ice:	Lab U Y / I	Ise Only N		T (
Relinquish	ed by: (Sig	nature	romaj	g 1-2	2-25 Z	Received by: (Sign	Date Date	23-25	8	0				<u>T1</u>				<u>T2</u>		<u>T3</u>	
Relinquish	ed by: (Sig	nature	2)	Date	Time				Time					AVG	Ten	np °C		1			
					ous, O - Other			ntainer Ty													at any
						inless other arrangements are n									e clier	it exp	ense.	rne repor	cioi me ana	ysis or the	above



enviroteclarian enviroteclarian environment environmen

Printed: 1/23/2025 9:11:57AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

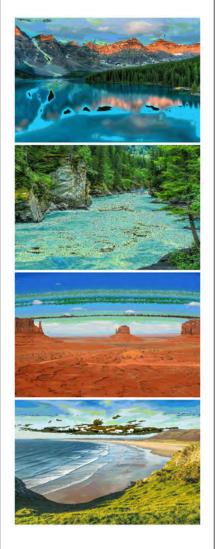
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	San Mateo Stebbins Water Management, LLC	Date Received:	01/23/25	08:00	Work Order ID:	E501159
Phone:	(972) 371-5200	Date Logged In:	01/22/25	14:49	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/29/25	17:00 (4 day TAT)		
	f Custody (COC)					
	the sample ID match the COC?	stab the COC	Yes			
	the number of samples per sampling site location ma	iich the COC	Yes			
	samples dropped off by client or carrier?	4_419	Yes Yes	Carrier: Courier		
	ne COC complete, i.e., signatures, dates/times, reque	ested analyses?				
5. were	all samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		<u>Comment</u>	ts/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tl	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes <u>C</u>			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers	3?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
	e field sample labels filled out with the minimum inf	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were p	reserved?	No			
	sample(s) correctly preserved?	. 1.0	NA			
	o filteration required and/or requested for dissolved	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be anal	yzed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and	•	No NA	Subcontract Lab: NA		
Client l	<u>nstruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501192

Job Number: 23003-0002

Received: 1/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/28/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/28/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501192

Date Received: 1/28/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/28/2025 7:45:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH04 - 6'	5
BH06 - 6'	6
BH06 - 7'	7
BH07 - 7'	8
BH07 - 8'	9
BH07 - 9'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

San Mateo Stebbins Water Management, LLC	anagement, LLC Project Name: Shinnery Oak SWD		Donoutoda		
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:		
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 16:58		

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 - 6'	E501192-01A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH06 - 6'	E501192-02A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH06 - 7'	E501192-03A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH07 - 7'	E501192-04A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH07 - 8'	E501192-05A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.
BH07 - 9'	E501192-06A	Soil	01/24/25	01/28/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:58:21PM

BH04 - 6' E501192-01

		E501192-01				
Andre	Result	Reporting Limit	Dilution	D 1	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Prepared	Anaiyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2505032
Benzene	ND	0.0250	1	01/28/25	01/28/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/28/25	
Toluene	ND	0.0250	1	01/28/25	01/28/25	
o-Xylene	ND	0.0250	1	01/28/25	01/28/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/28/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/28/25	
Surrogate: 4-Bromochlorobenzene-PID		84.0 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2505032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2505020
Diesel Range Organics (C10-C28)	35.2	25.0	1	01/28/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/28/25	
Surrogate: n-Nonane		86.6 %	50-200	01/28/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2505033
Chloride	1310	20.0	1	01/28/25	01/28/25	_



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:58:21PM

BH06 - 6' E501192-02

	E301172-02				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505032
ND	0.0250	1	01/28/25	01/28/25	
ND	0.0250	1	01/28/25	01/28/25	
ND	0.0250	1	01/28/25	01/28/25	
ND	0.0250	1	01/28/25	01/28/25	
ND	0.0500	1	01/28/25	01/28/25	
ND	0.0250	1	01/28/25	01/28/25	
	79.9 %	70-130	01/28/25	01/28/25	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505032
ND	20.0	1	01/28/25	01/28/25	
	94.2 %	70-130	01/28/25	01/28/25	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2505020
ND	25.0	1	01/28/25	01/28/25	
ND	50.0	1	01/28/25	01/28/25	
	91.4 %	50-200	01/28/25	01/28/25	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2505033
1440	20.0	1	01/28/25	01/28/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 79.9 % mg/kg mg/kg mg/kg ND 20.0 94.2 % mg/kg ND 25.0 ND 50.0 91.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg And ND 20.0 1 94.2 % 70-130 mg/kg mg/kg And ND 25.0 1 ND 50.0 1 91.4 % 50-200 mg/kg Mg/kg And	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/28/25 ND 0.0250 1 01/28/25 ND 0.0250 1 01/28/25 ND 0.0500 1 01/28/25 ND 0.0250 1 01/28/25 ND 70.9% 70-130 01/28/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/28/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/28/25 ND 50.0 1 01/28/25 ND 50.0 1 01/28/25 ND 50.0 1 01/28/25 Mg/kg Mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/28/25 01/28/25 ND 0.0250 1 01/28/25 01/28/25 ND 0.0250 1 01/28/25 01/28/25 ND 0.0500 1 01/28/25 01/28/25 ND 0.0250 1 01/28/25 01/28/25 ND 0.0250 1 01/28/25 01/28/25 mg/kg mg/kg Analyst: SL 01/28/25 mg/kg mg/kg Analyst: SL 01/28/25 mg/kg mg/kg Analyst: NV 01/28/25 ND 25.0 1 01/28/25 01/28/25 ND 25.0 1 01/28/25 01/28/25 ND 50.0 1 01/28/25 01/28/25 ND 50.0 1 01/28/25 01/28/25 ND 50.0



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:58:21PM

BH06 - 7' E501192-03

		E301192-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
. many te	resur	2	2	Tropared	111111111111111111111111111111111111111	110100
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505032
Benzene	ND	0.0250	1	01/28/25	01/28/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/28/25	
Toluene	ND	0.0250	1	01/28/25	01/28/25	
o-Xylene	ND	0.0250	1	01/28/25	01/28/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/28/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/28/25	
Surrogate: 4-Bromochlorobenzene-PID		79.8 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2505032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2505020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/28/25	
Surrogate: n-Nonane		90.5 %	50-200	01/28/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2505033
Chloride	1090	20.0	1	01/28/25	01/28/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:58:21PM

BH07 - 7' E501192-04

		E501192-04				
Austra	Result	Reporting Limit	Dilution	D	A a laa d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505032
Benzene	ND	0.0250	1	01/28/25	01/28/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/28/25	
Toluene	ND	0.0250	1	01/28/25	01/28/25	
o-Xylene	ND	0.0250	1	01/28/25	01/28/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/28/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/28/25	
Surrogate: 4-Bromochlorobenzene-PID		79.7 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2505020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/28/25	
Surrogate: n-Nonane		96.2 %	50-200	01/28/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2505033
Chloride	1230	20.0	1	01/28/25	01/28/25	

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:58:21PM

BH07 - 8' E501192-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2505032
Benzene	ND	0.0250	1	01/28/25	01/28/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/28/25	
Toluene	ND	0.0250	1	01/28/25	01/28/25	
o-Xylene	ND	0.0250	1	01/28/25	01/28/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/28/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/28/25	
Surrogate: 4-Bromochlorobenzene-PID		80.0 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2505032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2505020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/28/25	
Surrogate: n-Nonane		94.9 %	50-200	01/28/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2505033
Chloride	992	20.0	1	01/28/25	01/28/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:58:21PM

BH07 - 9' E501192-06

		E501192-06				
	D 1	Reporting	D 3.7	ъ.		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505032
Benzene	ND	0.0250	1	01/28/25	01/28/25	
Ethylbenzene	ND	0.0250	1	01/28/25	01/28/25	
Toluene	ND	0.0250	1	01/28/25	01/28/25	
o-Xylene	ND	0.0250	1	01/28/25	01/28/25	
p,m-Xylene	ND	0.0500	1	01/28/25	01/28/25	
Total Xylenes	ND	0.0250	1	01/28/25	01/28/25	
Surrogate: 4-Bromochlorobenzene-PID		79.8 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/25	01/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	01/28/25	01/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2505020
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/25	01/28/25	
Surrogate: n-Nonane		91.0 %	50-200	01/28/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505033
Chloride	703	20.0	1	01/28/25	01/28/25	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:58:21PM

5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Number: Project Manager:		3003-0002 shley Giovengo	ı			1/2	28/2025 4:58:21PM	
	Volatile Organics by EPA 8021B							Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2505032-BLK1)						F	repared: 0	1/27/25 Anal	yzed: 01/27/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
o,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130				
LCS (2505032-BS1)						F	repared: 0	1/27/25 Anal	yzed: 01/28/25	
Benzene	4.42	0.0250	5.00		88.5	70-130				
Ethylbenzene	4.56	0.0250	5.00		91.1	70-130				
Toluene	4.57	0.0250	5.00		91.3	70-130				
-Xylene	4.60	0.0250	5.00		91.9	70-130				
o,m-Xylene	9.27	0.0500	10.0		92.7	70-130				
Total Xylenes	13.9	0.0250	15.0		92.5	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.16		8.00		89.5	70-130				
LCS Dup (2505032-BSD1)						F	repared: 0	1/27/25 Anal	yzed: 01/28/25	
Benzene	4.80	0.0250	5.00		96.0	70-130	8.19	20		
Ethylbenzene	4.95	0.0250	5.00		99.0	70-130	8.26	20		
Coluene	4.95	0.0250	5.00		99.0	70-130	8.11	20		
-Xylene	4.97	0.0250	5.00		99.5	70-130	7.87	20		
,m-Xylene	10.1	0.0500	10.0		101	70-130	8.16	20		
Total Xylenes	15.0	0.0250	15.0		100	70-130	8.06	20		



QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/2025 4:58:21PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2505032-BLK1)						Prepared: 0	1/27/25	Analyzed: 01/27/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00	91.7	70-130			
LCS (2505032-BS2)						Prepared: 0	1/27/25	Analyzed: 01/28/25
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00	94.0	70-130			
LCS Dup (2505032-BSD2)						Prepared: 0	1/27/25	Analyzed: 01/28/25
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	92.3	70-130	2.60	20	
Surrogate: 1-Chloro-4-fluorohenzene-FID	7 54		8.00	94.2	70-130			



QC Summary Data

San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 1/28/2025 4:58:21PM

	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505020-BLK1)							Prepared: 0	1/27/25 An	alyzed: 01/28/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			
LCS (2505020-BS1)							Prepared: 0	1/27/25 An	alyzed: 01/28/25
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			
Matrix Spike (2505020-MS1)				Source:	E501187-0	08	Prepared: 0	1/27/25 An	alyzed: 01/28/25
Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			
Matrix Spike Dup (2505020-MSD1)				Source:	E501187-0	08	Prepared: 0	1/27/25 An	alyzed: 01/28/25
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	6.19	20	
Surrogate: n-Nonane	54.4		50.0		109	50-200			

258

258

20.0

20.0

LCS (2505033-BS1)

LCS Dup (2505033-BSD1)

Chloride

Chloride

Prepared: 01/28/25 Analyzed: 01/28/25

Prepared: 01/28/25 Analyzed: 01/28/25

QC Summary Data

San Mateo Stebbins Water Management, 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	LLC	Project Name: Project Number:	2	Shinnery Oak SWD #001 23003-0002 Ashley Giovengo					Reported: 1/28/2025 4:58:21PM		
Danas 1A, /3240		Project Manager Anions	ns by EPA 300.0/9056A						Analyst: DT		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	111111,9611 2 1		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2505033-BLK1)							Prepared: 0	1/28/25 A	Analyzed: 01/28/25		
Chloride	ND	20.0									

250

250

103

103

90-110

90-110

0.0353

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

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 16:58

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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

	Page			of_	1	Rec
te						eive
T	TX					ed by O
ra	m		1			G
	RC	RA				: 8/1
	or	N				4/2025
cs						Received by OCD: 8/14/2025 10:10:27 AM
_			-			AM

	Clie	nt Inform	nation			Invoice Informa	tion				Lab	Use	Only	y TAT State								
Client: S	an Mateo				Co	mpany: Ensolum LLC		L	ab W	VO#		J	ob N	umb	oer		1D	2D	3D Sto	I NN	1 CO UT	TX
Project:	Shinnery Oa	k SWD 1			Ac	dress: 3122 National Par	ks Hwy	E	E5	01	192	-1	23003.0002		-	X			X		YE ISE	
Project N	Aanager: As	hley Giov	engo		Cit	y, State, Zip: Carlsbad NN	и, 88220							11000								
Address:	3122 Natio	nal Parks	Hwy		Ph	one: 575-988-0055							Anal	ysis	and	Met	hod				PA Progra	am
	e, Zip: Carls				Er	mail: agiovengo@ensolu	m.com													SDWA	CWA	RCRA
	575-988-005	2-2-2-2-2				scellaneous:																
	giovengo@e		om						3	ru l	ru									Complia	nce Y	or N
										801	801	_	= 1	0	_	×	S			PWSID :	#	
				Samp	ole Informati	on				30 by	30 by	802	8260	e 300	NN -	05 - T	Meta				La La La Cara	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
15:56	1/24/2025	S	1			BH04 - 6'		1							х							
14:41	1/24/2025	S	1			BH06 - 6'		2							Х							
15:13	1/24/2025	s	1			ВН06 - 7'		3							х							
13:40	1/24/2025	S	1			ВН07 - 7'		4							X							
14:08	1/24/2025	S	1			ВН07 - 8'		5	-						X							
16:44	1/24/2025	S	1			ВН07 - 9'		0							х							
Addition	nal Instruction	ons: Held	on Ice. P	lease CC:	cburton@e	nsolum.com, agiovengo@	ensolum.co	om, ies	trell	a@e	nsolu	m.c	om,	char	nilto	n@e	ensol	um.c	om, bsi	mmons@	ensolum.	com
	pler), attest to th		d authenticity	of this samp	le. I am aware th	at tampering with or intentionally n	mislabeling the s	ample loc	ation,	date o	r time	of coll	ection	is cor	sidere	d frau	id and	may be	grounds f	or legal actio	n.	
Service Course of	ned by: (Signatu		Date		Time	Received by: (Signature)	Date	2	1	Time	-										ed on ice the da	
121			1/2	27/25	0805	Minhalle Gan	-1-1.	27.2	5	6	180	5			sample	ed or re	ceived	packed	in ice at an	avg temp abov	e 0 but less than	16 °C on
Relinquish	ned by:/(Signatu	ire)		77	Time	Received/by: (Signature)	Date	200	,	Time	11				SUNSAC	ment o	avs		Lab l	Jse Only		
Mic	ned by: (Signatu	oneal	es 1-2	7.15	1400	Later H	1	.7.7	29	1	160	15		W	Rece	eived	d on i	ice:	10	N		
	ed by: (Signatu		Date	- ~	Time 00	Received by (Signature)	Dat	P 1_	1	Time		-							0			
. 1.1	1.4	436	1/2	1778	1.630	1 Milles TA	wil	2812	1	7.4	15				T1				T2		T3	
Relinguish	ned by: (Signatu	ire)	Date		Time	Received by: (Signature)	Bat	e		Time	-							,				
		r-at													AVG	Ter	np °C	-	1			
Sample Ma	trix: S - Soil, Sd - S	Solid, Sg - Slu	ıdge, A - Aque	ous, O - Oth	er			ntainer						lasti	c, ag	- am	ber g	ass, v			2 3 E	
Note: San	ples are discar	ded 14 day	s after result	s are repor	ted unless othe	er arrangements are made. Haza	ardous sample	s will be	retur	ned to	o clien	tord	lispos	ed of	at the	e clie	nt exp	ense.	The repo	t for the a	alysis of the	above
						h this COC. The liability of the la																

nwarus

Printed: 1/28/2025 9:23:31AM

Envirotech Analytical Laboratory

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.

Pience (273.371-250) (273.371-250) (273.371-250) (273.371-250) (274.371-250) (275.471-250)	Client:	San Mateo Stebbins Water Management, LLC	Date Received:	01/28/25	07:45	Work Order ID:	E501192
Chain of Custody (COC) 1. Does the sample ID must the COC? 2. New samples dropped off by client or carrier? 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, datestwines, requested analyses? 5. Were all samples received within bloding time? 5. Were all sample facilities testaded rIAT; or Expedited TAT? 5. Both the COC indicate steaded rIAT; or Expedited TAT? 5. Sample Cooler. 7. Was a sample cooler received? 8. If yes, was cooler received? 8. If yes, was cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample received on ite? If yes, the recorded temp is 4"C, i.e., 6"12"C Now. Thermal preservation is not required, if samples are received wit 15 minutes of sampling 11. If yes, were custody-security seals intact? 12. Was the sample received on ite? If yes, the recorded temp is 4"C, i.e., 6"12"C Now. Thermal preservation is not required, if samples are received wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 2. Sample Container. 14. Are aqueous WOC samples preserv? 15. Are VOC samples collected in VOA Visib? 16. Is the head space leas than 6-8 min (gos sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are annow-VOC samples collected in the correct containers? 19. Is the appropriate volume-weight or muther of sample containers of yes 2. Were field sample labels filled out with the minimum information: 3. Sample ID? 2. Were field sample labels filled out with the minimum information: 3. Sample ID? 3. If yes, does the COC or field labels indicate the samples were preserved? 2. Are samples copretely preserved? 3. No. 3. Subcontract Laboratory. 3. No. 3. Subcontract Laboratory specified by the client and if so whov? 3. No. 3. Subcontract Lab or Tax. 3. Subcontract Laboratory.	Phone:	(972) 371-5200	Date Logged In:	01/27/25	15:16	Logged In By:	Noe Soto
1. Does the sample ID match the COC? 2. Does the number of sampling site location match the COC yes 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within bolding time? 5. Were all samples received within bolding time? 6. Were all samples received within bolding time? 7. Was a sample content time (TAT) 6. Sample Turn Around Time (TAT) 6. Sample Colorer received? 7. Was a sample cooler received? 8. If yes, was cooler received inpact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals present? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°22°C yes 13. If no visible ice, record the temperature. Actual sample temperature: 4°C yes 14. Are aqueous VOC samples present? 14. Are aqueous VOC samples present? 15. Are VOC samples collected in the COA vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VoC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of samples or containers collected? 20. Were field sample labels filled out with the minimum information: Sample Draservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(5) correctly preserved? 23. Are samples (becovered) the preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Sample Preservation 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC or field bloortant, and the containers of the correct preserved? 28. Are samples played have more than one phase, i.e., multiphase? 29. Kan samples have more than one phase, i.e., multiphase? 29. Was a subcontract Laboratory.						,	
1. Does the sample ID match the COC? 2. Does the number of sampling site location match the COC yes 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within bolding time? 5. Were all samples received within bolding time? 6. Were all samples received within bolding time? 7. Was a sample content time (TAT) 6. Sample Turn Around Time (TAT) 6. Sample Colorer received? 7. Was a sample cooler received? 8. If yes, was cooler received inpact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals present? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°22°C yes 13. If no visible ice, record the temperature. Actual sample temperature: 4°C yes 14. Are aqueous VOC samples present? 14. Are aqueous VOC samples present? 15. Are VOC samples collected in the COA vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VoC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of samples or containers collected? 20. Were field sample labels filled out with the minimum information: Sample Draservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(5) correctly preserved? 23. Are samples (becovered) the preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Sample Preservation 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC or field bloortant, and the containers of the correct preserved? 28. Are samples played have more than one phase, i.e., multiphase? 29. Kan samples have more than one phase, i.e., multiphase? 29. Was a subcontract Laboratory.	~ .	10 . 1 (000)					
2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or earnier? 4. Was the COC complete, i.e., signatures, dates times, requested analyses? 5. Were all samples received within holding time? Nose-analysis, such as pf which should be enducted in the field, i.e. 15 minute hold time, are not included in this discussion. Samule Turn Around Time (TXM) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received? 9. Was the sample's received intiact, i.e., not broken? 10. Were custorly/security seals intact? 11. If yes, were custody/security seals intact? 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, it samples are neceived wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Visls? 16. Is the head spece less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or mumber of sample containers collected? 19. Out were field sample labels filled out with the minimum information: Sample Included Filled Filled Out with the minimum information: Sample Included Filled Filled Filled Filled Filled Filled Filled Filled Filled Fi							
3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, attachtimes, requested analyses? 5. Were all samples received within holding time? 5. Were all samples received within holding time? 5. Dath the CoC indicate standard TAT, or Expedited TAT? 5. Was a sample cooler received? 7. Was a sample cooler received? 8. Klyes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Themap preservation is not required, if samples are received wi 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Visils? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the paperpiate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample Dreservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples; overed type served? 33. Is also filteration required and/or requested for dissolved metals? 34. Is also filteration required and/or requested for dissolved metals? 35. No. Subcontract Laboratory. 36. Subcontract Laboratory. 37. Was a subcontract laboratory specified by the client and if so who? 38. Was a subcontract Laboratory specified by the client and if so who? 39. Was a subcontract Laboratory specified by the client and if so who? 39. Was a subcontract Laboratory specified by the client and if so who? 30. Subcontract Lab: NA		•	tch the COC				
4. Was the COC complete, i.e., signatures, datestimes, requested analyses? 5. Were all samples received within holding time? Note Analysis, such as Ji which should be conducted in the field. i.e., 15 minute hold time, are not included in this dissuession. Sample Turn Armoult Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample (corrected in good condition? 10. Were custody/security seals present? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 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 wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? NA 22. La sample by correctly preserved? NA NA NA NA NA NA NA NA NA N			iton the Coc		Ci Ci		
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 discussion. Samule Turn Around Time (TAT) Obd the COC indicate standard TAT, or Expedited TAT? Yes Samule Cooler 7. Was a sample cooler received in good condition? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals present? 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 wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? 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 Dreservation 21. Does the COC of field labels indicate the samples were preserved? No No No No No No No No No N		• • • •	sted analyses?		Carner: Courier		
Note: Analysis, such as pH which should be conducted in the field, its, 15 milute hold time, are not included in this discussion. Sample Curn Around Time CTAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 9. Was the sample (soler received in good condition? 9. Was the sample (soler received in good condition? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals present? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°+2°C 13. If yes, were custody/security seals present? 14. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°+2°C 15. In yes, were custody/security seals intact? 16. If yes, were custody/security seals intact? 17. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°+2°C 18. Are not visible ice, record the temperature. Actual sample temperature: 4°C 18. Are always VOC samples collected in VOA Vials? 18. Are non-VOC samples collected in VOA Vials? 19. Are always voc of the temperature of sample containers? 19. In yes, were custody were the sample sollected in the correct containers? 19. In yes, yes, yes, yes, yes, yes, yes, yes,			sted analyses:				
6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Not: Themal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples collected in VOA Vials? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers? 19. Is the appropriate volume/weight or number of sample containers? 19. Use of the COC samples collected? 10. Were field sample labels filled out with the minimum information: Sample Trime Collected? 20. Were field sample labels filled out with the minimum information: Sample Trime Collected? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are samples Martx 24. La lab filteration required and/or requested for dissolved metals? 25. Does the CoC specify which phase(s) is to be analyzed? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA		Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		103		Comment	s/Resolution
Sample Cooler 7. Was a sample cooler received? 7. Was a sample cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custedly/security seals present? 11. If yes, were custodly/security seals present? 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 wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip shahe (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? 20. Were field sample labels filled out with the minimum information: Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. As sample Matrix 24. Is lab filteration required and/or requested for dissolved metals? 25. Note that COC of specify which phase(s) is to be analyzed? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? No. Subcontract Lab: NA							
7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received in good condition? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ite? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Themal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples present? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Sample Preservation 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample Sample Matrix 24. Are samples required to get sent to a subcontract laboratory? 25. Was a subcontract Laboratory specified by the client and if so who? No. Subcontract Laboratory specified by the client and if so who? No. Subcontract Laboratory specified by the client and if so who? No. Subcontract Lab.	6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 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 wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Date/Time Collected? 20. Were field sample labels filled out with the minimum information: Sample IPC: Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample falled interced and/or requested for dissolved metals? 34. Subcontract Laboratory 35. Subcontract Laboratory 36. Subcontract Laboratory specified by the client and if so who? 36. Subcontract Laboratory specified by the client and if so who? 37. If yes, does the COC specify which phase(s) is to be analyzed? 38. Are samples required to get sent to a subcontract laboratory? 39. Was a subcontract Laboratory specified by the client and if so who? 39. Was a subcontract Laboratory specified by the client and if so who? 30. Subcontract Laboratory specified by the client and if so who? 30. Subcontract Laboratory specified by the client and if so who? 30. Subcontract Laboratory specified by the client and if so who? 30. Subcontract Laboratory specified by the client and if so who? 31. The state of the contract Laboratory specified by the client and if so who? 32. Are samples required to get sent to a subcontract laborato							
9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 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 wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filleration required and/or requested for dissolved metals? 25. No. Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? NA Subcontract Laboratory 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Laboratory		_		Yes			
10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 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 wi 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Sample ID? Date/Time Collected? Collectors name? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? NA 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Multiphase Samples were the correct analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA	8. If yes,	was cooler received in good condition?		Yes			
11. If yes, were custody/security seals intact? 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 wi 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 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? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA	9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
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 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? 20. Were field sample labels filled out with the minimum information: Sample Preservation. 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 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? 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No Subcontract Laboratory 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	10. Were	custody/security seals present?		No			
Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? 20. Were field sample labels filled out with the minimum information: Sample ID? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase(s) is to be analyzed? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory 29. Was a subcontract laboratory specified by the client and if so who? No. Subcontract Lab: NA	11. If yes	s, were custody/security seals intact?		NA			
14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: 10. Sample ID? 10. Date/Time Collected? 10. Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is also filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. Does the Sample Matrix 16. Is the head space less than 6-8 mm (pea sized or less) is to be analyzed? 16. Is a sample sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 19. No 19. Was a subcontract Laboratory specified by the client and if so who? 19. No 19. Subcontract Lab: NA		Note: Thermal preservation is not required, if samples arminutes of sampling	re received w/i 15				
14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: 10. Sample ID? 10. Date/Time Collected? 10. Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is also filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. Does the Sample Matrix 16. Is the head space less than 6-8 mm (pea sized or less) is to be analyzed? 16. Is a sample sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 19. No 19. Was a subcontract Laboratory specified by the client and if so who? 19. No 19. Subcontract Lab: NA	Sample	Container	-				
15. Are VOC samples collected in VOA Vials? 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? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Multiphase Sample Matrix 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? NA Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA				No			
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? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 10. Were field sample labels filled out with the minimum information: 10. Sample ID? 11. Does the Collected? 12. Does the COC or field labels indicate the samples were preserved? 12. Does the COC or field labels indicate the samples were preserved? 13. No 14. Is lab filteration required and/or requested for dissolved metals? 15. No 16. Multiphase Sample Matrix 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 18. As Subcontract Laboratory specified by the client and if so who? 19. As Subcontract Lab: NA							
17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is lab filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. Multiphase Sample Matrix 16. Does the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA		•		NA			
18. Are non-VOC samples collected in the correct containers? 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? Date/Time Collected? Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 4. 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 7. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA		•					
19. Is the appropriate volume/weight or number of sample containers collected? Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? 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? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA		- · · · · · · · · · · · · · · · · · · ·	?				
Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 44. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Co. Does the sample have more than one phase, i.e., multiphase? No 71. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA		_					
20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 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? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No T, If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA				100			
Sample ID? Date/Time Collected? Collectors name? 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? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 71. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory Specified by the client and if so who? No Subcontract Laboratory Specified by the client and if so who? No Subcontract Laboratory Specified by the client and if so who?			ormation:				
Collectors name? Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No The sample have more than one phase is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Subcontract Lab: NA				Yes			
Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Is lab filteration required and/or requested for dissolved metals? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA				Yes			
21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Is lab filteration required and/or requested for dissolved metals? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No No Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA	(Collectors name?		Yes			
22. Are sample(s) correctly preserved? 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							
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	21. Does	the COC or field labels indicate the samples were p	reserved?	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 NO NO Subcontract Laboratory specified by the client and if so who? NA Subcontract Lab: NA		- 17 - T-		NA			
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	24. Is lab	o filteration required and/or requested for dissolved r	netals?	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 NA Subcontract Lab: NA	<u>Multiph</u>	ase Sample Matrix					
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	26. Does	the sample have more than one phase, i.e., multipha	ise?	No			
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	27. If yes	s, does the COC specify which phase(s) is to be anal	yzed?	NA			
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	Subcont	ract Laboratory					
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA			orv?	No			
Client Instruction			-		Subcontract Lab: NA		
	Client I	<u>nstruction</u>					

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501222

Job Number: 23003-0002

Received: 1/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/5/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/5/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501222

Date Received: 1/30/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/30/2025 7:15:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS07-0'	5
SS07-1'	6
BH01-4'	7
BH01-6'	8
BH01-8'	9
BH01-10'	10
BH01-13'	11
BH01-14'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/05/25 11:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS07-0'	E501222-01A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.
SS07-1'	E501222-02A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.
BH01-4'	E501222-03A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.
BH01-6'	E501222-04A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.
BH01-8'	E501222-05A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.
BH01-10'	E501222-06A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.
BH01-13'	E501222-07A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.
BH01-14'	E501222-08A	Soil	01/28/25	01/30/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

SS07-0'

E501222-01

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2505103
Benzene	ND	0.0250	1	01/30/25	01/31/25	
Ethylbenzene	ND	0.0250	1	01/30/25	01/31/25	
Toluene	ND	0.0250	1	01/30/25	01/31/25	
o-Xylene	ND	0.0250	1	01/30/25	01/31/25	
p,m-Xylene	ND	0.0500	1	01/30/25	01/31/25	
Total Xylenes	ND	0.0250	1	01/30/25	01/31/25	
Surrogate: 4-Bromochlorobenzene-PID		85.6 %	70-130	01/30/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2505103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	01/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	01/30/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
Surrogate: n-Nonane		108 %	61-141	02/03/25	02/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2505113
Chloride	112	20.0	1	01/30/25	01/31/25	

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

SS07-1'

E501222-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505103
Benzene	ND	0.0250	1	01/30/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/30/25	02/01/25	
Toluene	ND	0.0250	1	01/30/25	02/01/25	
o-Xylene	ND	0.0250	1	01/30/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/30/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/30/25	02/01/25	
Surrogate: 4-Bromochlorobenzene-PID		83.9 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	02/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		111 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2505113
Chloride	173	20.0	1	01/30/25	01/31/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

BH01-4'

E501222-03								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2505103		
Benzene	ND	0.0250	1	01/30/25	02/01/25			
Ethylbenzene	ND	0.0250	1	01/30/25	02/01/25			
Toluene	ND	0.0250	1	01/30/25	02/01/25			
o-Xylene	ND	0.0250	1	01/30/25	02/01/25			
p,m-Xylene	ND	0.0500	1	01/30/25	02/01/25			
Total Xylenes	ND	0.0250	1	01/30/25	02/01/25			
Surrogate: 4-Bromochlorobenzene-PID		83.7 %	70-130	01/30/25	02/01/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2505103		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	02/01/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	01/30/25	02/01/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2506020		
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25			
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25			
Surrogate: n-Nonane		103 %	61-141	02/03/25	02/05/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2505113		
Chloride	1840	40.0	2	01/30/25	01/31/25			



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

BH01-6'

E501222-04								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2505103		
Benzene	ND	0.0250	1	01/30/25	01/31/25			
Ethylbenzene	ND	0.0250	1	01/30/25	01/31/25			
Toluene	ND	0.0250	1	01/30/25	01/31/25			
o-Xylene	ND	0.0250	1	01/30/25	01/31/25			
p,m-Xylene	ND	0.0500	1	01/30/25	01/31/25			
Total Xylenes	ND	0.0250	1	01/30/25	01/31/25			
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	01/30/25	01/31/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505103		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	01/31/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	01/30/25	01/31/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2506020		
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25			
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25			
Surrogate: n-Nonane		110 %	61-141	02/03/25	02/05/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2505113		
Chloride	1940	40.0	2	01/30/25	01/31/25			



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

BH01-8'

E501222-05

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505103
Benzene	ND	0.0250	1	01/30/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/30/25	02/01/25	
Toluene	ND	0.0250	1	01/30/25	02/01/25	
o-Xylene	ND	0.0250	1	01/30/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/30/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/30/25	02/01/25	
Surrogate: 4-Bromochlorobenzene-PID		83.4 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	02/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		105 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2505113
Chloride	2310	40.0	2	01/30/25	01/31/25	•



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

BH01-10' E501222-06

		1201222 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505103
Benzene	ND	0.0250	1	01/30/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/30/25	02/01/25	
Toluene	ND	0.0250	1	01/30/25	02/01/25	
o-Xylene	ND	0.0250	1	01/30/25	02/01/25	
o,m-Xylene	ND	0.0500	1	01/30/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/30/25	02/01/25	
Surrogate: 4-Bromochlorobenzene-PID		83.0 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	02/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		99.3 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2505113
Chloride	1140	20.0	1	01/30/25	01/31/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

BH01-13' E501222-07

		E301222-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2505103
Benzene	ND	0.0250	1	01/30/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/30/25	02/01/25	
Foluene	ND	0.0250	1	01/30/25	02/01/25	
o-Xylene	ND	0.0250	1	01/30/25	02/01/25	
o,m-Xylene	ND	0.0500	1	01/30/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/30/25	02/01/25	
Surrogate: 4-Bromochlorobenzene-PID		81.8 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2505103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	02/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: NV		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		107 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2505113
Chloride	1820	20.0	1	01/30/25	01/31/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:13:06AM

BH01-14'

		E501222-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505103
Benzene	ND	0.0250	1	01/30/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/30/25	02/01/25	
Toluene	ND	0.0250	1	01/30/25	02/01/25	
o-Xylene	ND	0.0250	1	01/30/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/30/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/30/25	02/01/25	
Surrogate: 4-Bromochlorobenzene-PID		80.3 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/25	02/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	01/30/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2506020
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/05/25	
Surrogate: n-Nonane		102 %	61-141	02/03/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2505113
Chloride	1320	20.0	1	01/30/25	01/31/25	



QC Summary Data

Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 2/5/2025 11:13:06AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2505103-BLK1) Prepared: 01/30/25 Analyzed: 01/31/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 7.03 8.00 87.9 70-130 LCS (2505103-BS1) Prepared: 01/30/25 Analyzed: 01/31/25 4.72 94.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.55 0.0250 5.00 90.9 70-130 4.66 0.0250 5.00 93.1 70-130 Toluene o-Xylene 4.54 0.0250 5.00 90.8 70-130 9.26 10.0 92.6 70-130 0.0500 p.m-Xvlene 92.0 13.8 15.0 70-130 Total Xylenes 0.0250 8.00 87.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.00 Matrix Spike (2505103-MS1) Source: E501222-04 Prepared: 01/30/25 Analyzed: 01/31/25 4.84 0.0250 5.00 ND 96.9 54-133 Benzene 93.1 61-133 Ethylbenzene 4.65 0.0250 5.00 ND Toluene 4.76 0.0250 5.00 ND 95.3 61-130 ND 92.6 63-131 4.63 5.00 0.0250 o-Xylene p,m-Xylene 9.46 0.0500 10.0 ND 94.6 63-131 0.0250 15.0 ND 63-131 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 7.01 8.00 70-130 Matrix Spike Dup (2505103-MSD1) Source: E501222-04 Prepared: 01/30/25 Analyzed: 01/31/25 4.82 0.0250 5.00 ND 96.4 54-133 0.444 20 61-133 0.448 4.63 0.0250 5.00 ND 92.6 20 Ethylbenzene 61-130 Toluene 4 74 0.0250 5.00 ND 94.8 0.508 20 4.62 5.00 ND 92.4 63-131 0.175 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

94.3

93.7

87.3

63-131

63-131

70-130



0.316

0.270

20

20

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.43

14.1

6.98

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo2/5/2025 11:13:06AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			2/5	/2025 11:13:06AM
	Nor	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit	Spike Level	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	ilig/kg	70	70	70	70	Notes
Blank (2505103-BLK1)							Prepared: 0	1/30/25 Anal	yzed: 01/31/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			
LCS (2505103-BS2)							Prepared: 0	1/30/25 Anal	yzed: 01/31/25
Gasoline Range Organics (C6-C10)	38.6	20.0	50.0		77.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			
Matrix Spike (2505103-MS2)				Source:	E501222-	04	Prepared: 0	1/30/25 Anal	yzed: 01/31/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			
Matrix Spike Dup (2505103-MSD2)				Source:	E501222-	04	Prepared: 0	1/30/25 Anal	yzed: 01/31/25
Gasoline Range Organics (C6-C10)	38.9	20.0	50.0	ND	77.9	70-130	5.56	20	

8.00

7.58

94.7

70-130

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo2/5/2025 11:13:06AM

	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506020-BLK1)							Prepared: 02	2/03/25 Anal	yzed: 02/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.6		50.0		113	61-141			
LCS (2506020-BS1)							Prepared: 02	2/03/25 Anal	yzed: 02/04/25
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
Surrogate: n-Nonane	55.4		50.0		111	61-141			
Matrix Spike (2506020-MS1)				Source:	E501245-	04	Prepared: 02	2/03/25 Anal	yzed: 02/04/25
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	56-156			
Surrogate: n-Nonane	57.9		50.0		116	61-141			
Matrix Spike Dup (2506020-MSD1)				Source:	E501245-0	04	Prepared: 02	2/03/25 Anal	yzed: 02/04/25
Diesel Range Organics (C10-C28)	289	25.0	250	ND	115	56-156	0.133	20	
Surrogate: n-Nonane	56.8		50.0		114	61-141			

Chloride

QC Summary Data

San Mateo Stebbins Water Manageme 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	nt, LLC	Project Name: Project Number: Project Manager:	23	ninnery Oak S 3003-0002 shley Giovens					Reported: 2/5/2025 11:13:06AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505113-BLK1)							Prepared: 0	1/30/25 A	nalyzed: 01/30/25
Chloride	ND	20.0							
LCS (2505113-BS1)							Prepared: 0	1/30/25 A	nalyzed: 01/30/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2505113-MS1)				Source:	E501218-2	23	Prepared: 0	1/30/25 A	nalyzed: 01/30/25
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2505113-MSD1)				Source:	E501218-2	23	Prepared: 0	1/30/25 A	nalyzed: 01/30/25

250

20.0

ND

103

80-120

0.0465

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

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/05/25 11:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



UT :	TX		2	ğ
	-		e)	dhu
gran	1			
A	RC	RA	9	÷ %
Υ	or	N	104	
irks			0 40.40	Received by OCD: 8/14/2025 10:10:27 AM

Project: Shinnery Oak SWD 1 Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Sample Information Project Manager: Ashley Giovengo	ince Y or N
Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous: Somple Information Sample ID Somple Information Somple ID Somple Information Somple ID Somple Information Somple ID Somple	CWA RCRA
City, State, Zip: Carlsbad NM, 88220 Email: agiovengo@ensolum.com Miscellaneous: Email: agiovengo@ensolum.com Miscel	CWA RCRA
Phone: 575-988-0055 Email: agiovengo@ensolum.com Sample Information Sample Informatio	#
Sample Information Sample Information Sample ID Sample ID Solution Sample ID Solution	#
PWSID: P	
1052 1/28/25 S 1 SSO7 - 0' 1055	Remarks
1052 1/28/25 S 1 SSO7 - 0' 1055	Remarks
1055 SSO7-1' Z X SSO7-1' BHO1-4' BHO1-6' Y X SHO1-8' SHO1-10' Y X SHO1-13' Y X X SHO1-13' Y X X X X X X X X X	
1055 1076 1078 1078 1078 104 104 1078 1080 1098 10	
BHOI-4' BHOI-6' BHOI-8' BHOI-10' BHOI-13' BHOI-13'	
1058 BHOI-6' 1148 BHOI-8' 1148 RHOI-10' 1561 BHOI-13'	
1148 1148	
1561 BHOI-13' 7	
1501 BHOI-13	
1555 BHOI-14' 8 X	
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:Chad Hamilton	Colonia Colonia
Relinquished by: (Signature) Date Time 1/29/25 Perceived by: (Signature) Date 1-29.25 Date Time Samples requiring thermal preservation must be received packed in ice at an avg temp above subsequent days.	on ice the day they are to but less than 6 °C on
Relinquished by: (Signature) Michelle Gonzales 1-29-25 Time 1545 Received by: (Signature) Date 1-29-25 Time Lab Use Only Received on ice: (Y) N	
Relinquished by: (Signature) Date Time Received by: (Signature) Part Time Received by: (Signature) Time 1-29-25 Time Received by: (Signature) Time 1-29-25 Tim	<u>T3</u>
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time AVG Temp °C AVG Temp °C	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	



client expense. The report for the analysis of the above samples is

enviroteclar

enviroteclar

enviroteclar

environal

Printed: 1/30/2025 8:07:12AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	01/30/25	07:15		Work Order ID:	E501222
Phone:	(972) 371-5200	Date Logged In:	01/29/25	14:25		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/05/25	17:00 (4 day TAT)			
Chain of	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location ma	tch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: C	'ourier		
4. Was th	ne COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes		<u> </u>		
	all samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss					Comment	ts/Resolution
	<u> Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample							
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
		e temperature. 4	<u>C</u>				
	Container		NT-				
	aqueous VOC samples present?		No NA				
	VOC samples collected in VOA Vials?		NA NA				
	e head space less than 6-8 mm (pea sized or less)?						
	a trip blank (TB) included for VOC analyses?	0	NA				
	non-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contains	mers collected?	Yes				
Field La		`amatian					
	field sample labels filled out with the minimum inf Sample ID?	ormanon.	Yes				
	Date/Time Collected?		Yes				
(Collectors name?		Yes				
Sample]	Preservation_						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are s	sample(s) correctly preserved?		NA				
24. Is lat	o filteration required and/or requested for dissolved	metals?	No				
Multiph	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ase?	No				
27. If yes	s, does the COC specify which phase(s) is to be anal	lyzed?	NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laborate	nrv?	No				
	a subcontract laboratory specified by the client and	-	NA	Subcontract Lab	·NA		
	nstruction		- 112	Subcontract Euc	. 147 \$		
Chenti	nstruction						

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E501240

Job Number: 23003-0002

Received: 1/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/5/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/5/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E501240

Date Received: 1/31/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2025 7:30:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH11-5'	5
BH11-7'	6
BH11-9'	7
BH11-11'	8
BH11-12'	9
BH11-13'	10
BH12-4'	11
BH12-6'	12
BH12-8'	13
BH12-10'	14
BH12-11'	15
BH12-12'	16
BH12-13'	17
QC Summary Data	18
QC - Volatile Organics by EPA 8021B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/05/25 11:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH11-5'	E501240-01A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH11-7'	E501240-02A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH11-9'	E501240-03A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH11-11'	E501240-04A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH11-12'	E501240-05A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH11-13'	E501240-06A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH12-4'	E501240-07A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH12-6'	E501240-08A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH12-8'	E501240-09A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH12-10'	E501240-10A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH12-11'	E501240-11A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH12-12'	E501240-12A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
BH12-13'	E501240-13A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH11-5' E501240-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		117 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505160
Chloride	1480	40.0	2	01/31/25	02/01/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH11-7'

E501240-02								
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505144		
Benzene	ND	0.0250	1	01/31/25	02/02/25			
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25			
Toluene	ND	0.0250	1	01/31/25	02/02/25			
o-Xylene	ND	0.0250	1	01/31/25	02/02/25			
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25			
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25			
Surrogate: 4-Bromochlorobenzene-PID		86.2 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505144		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2505161		
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25			
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25			
Surrogate: n-Nonane		119 %	61-141	01/31/25	02/01/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2505160		
Chloride	983	20.0	1	01/31/25	02/01/25			



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH11-9'

E501240-03								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2505144		
Benzene	ND	0.0250	1	01/31/25	02/02/25			
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25			
Toluene	ND	0.0250	1	01/31/25	02/02/25			
o-Xylene	ND	0.0250	1	01/31/25	02/02/25			
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25			
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25			
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2505144		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: AF		Batch: 2505161		
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25			
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25			
Surrogate: n-Nonane		118 %	61-141	01/31/25	02/01/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2505160		
Chloride	2580	40.0	2	01/31/25	02/01/25			



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH11-11' E501240-04

		E301240-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
o,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		85.6 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		116 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2505160
Chloride	1910	40.0	2	01/31/25	02/01/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH11-12' E501240-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		84.8 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		122 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505160
Chloride	1710	40.0	2	01/31/25	02/01/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH11-13' E501240-06

	E301240 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
ND	0.0250	1	01/31/25	02/02/25	
ND	0.0250	1	01/31/25	02/02/25	
ND	0.0250	1	01/31/25	02/02/25	
ND	0.0250	1	01/31/25	02/02/25	
ND	0.0500	1	01/31/25	02/02/25	
ND	0.0250	1	01/31/25	02/02/25	
	85.4 %	70-130	01/31/25	02/02/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
ND	20.0	1	01/31/25	02/02/25	
	95.2 %	70-130	01/31/25	02/02/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2505161
ND	25.0	1	01/31/25	02/01/25	
ND	50.0	1	01/31/25	02/01/25	
	117 %	61-141	01/31/25	02/01/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2505160
1860	40.0	2	01/31/25	02/01/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 85.4 % mg/kg MD 20.0 95.2 % mg/kg ND 25.0 ND 50.0 117 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 85.4 % 70-130 mg/kg mg/kg Anal ND 20.0 1 95.2 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 117 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/31/25 ND 0.0250 1 01/31/25 ND 0.0250 1 01/31/25 ND 0.0500 1 01/31/25 ND 0.0250 1 01/31/25 ND 0.0250 1 01/31/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 01/31/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/31/25 ND 50.0 1 01/31/25 ND 50.0 1 01/31/25 ND 50.0 1 01/31/25 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/31/25 02/02/25 ND 0.0250 1 01/31/25 02/02/25 ND 0.0250 1 01/31/25 02/02/25 ND 0.0500 1 01/31/25 02/02/25 ND 0.0250 1 01/31/25 02/02/25 ND 0.0250 1 01/31/25 02/02/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/31/25 02/02/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/31/25 02/02/25 mg/kg mg/kg Analyst: AF ND 25.0 1 01/31/25 02/01/25 ND 50.0 1 01/31/25 02/01/25 ND 50.0 1 01/31/25 02/01/25 ND 50.0 <



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH12-4'

		E501240-07				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		118 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: DT		Batch: 2505160
Chloride	5070	100	5	01/31/25	02/01/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH12-6'

		E501240-08						
Reporting								
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2505144		
Benzene	ND	0.0250	1	01/31/25	02/02/25			
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25			
Toluene	ND	0.0250	1	01/31/25	02/02/25			
o-Xylene	ND	0.0250	1	01/31/25	02/02/25			
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25			
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25			
Surrogate: 4-Bromochlorobenzene-PID		85.1 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2505144		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2505161		
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25			
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25			
Surrogate: n-Nonane		119 %	61-141	01/31/25	02/01/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2505160		
Chloride	4010	100	5	01/31/25	02/01/25			



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH12-8' E501240-09

		E301240-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		83.4 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		119 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2505160
Chloride	3320	40.0	2	01/31/25	02/01/25	·



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH12-10' E501240-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		83.7 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		121 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2505160
Chloride	2330	40.0	2	01/31/25	02/01/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH12-11' E501240-11

		E301240-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		83.3 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		124 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505160
Chloride	2280	40.0	2	01/31/25	02/01/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH12-12'

		E501240-12						
Reporting								
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2505144		
Benzene	ND	0.0250	1	01/31/25	02/02/25			
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25			
Toluene	ND	0.0250	1	01/31/25	02/02/25			
o-Xylene	ND	0.0250	1	01/31/25	02/02/25			
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25			
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25			
Surrogate: 4-Bromochlorobenzene-PID		83.0 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2505144		
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	01/31/25	02/02/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2505161		
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25			
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25			
Surrogate: n-Nonane		123 %	61-141	01/31/25	02/01/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2505160		
Chloride	2070	40.0	2	01/31/25	02/01/25			



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/5/2025 11:15:14AM

BH12-13' E501240-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
Benzene	ND	0.0250	1	01/31/25	02/02/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/02/25	
Toluene	ND	0.0250	1	01/31/25	02/02/25	
o-Xylene	ND	0.0250	1	01/31/25	02/02/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/02/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/02/25	
Surrogate: 4-Bromochlorobenzene-PID		82.7 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2505144
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	01/31/25	02/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2505161
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		123 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2505160
Chloride	1400	20.0	1	01/31/25	02/01/25	·



Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Matrix Spike Dup (2505144-MSD1)

QC Summary Data

		€ 5 .5		iai y Dati					
San Mateo Stebbins Water Manage 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	ement, LLC	Project Name: Project Number: Project Manager:		Shinnery Oak S 23003-0002 Ashley Gioveng					Reported: 2/5/2025 11:15:14AM
		Volatile O	rganic	s by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505144-BLK1)							Prepared: 0	1/31/25 A	analyzed: 02/02/25
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	6.60		8.00		82.5	70-130			
LCS (2505144-BS1)							Prepared: 0	1/31/25 A	analyzed: 02/02/25
Benzene	4.24	0.0250	5.00		84.8	70-130			
Ethylbenzene	4.18	0.0250	5.00		83.5	70-130			
Toluene	4.26	0.0250	5.00		85.3	70-130			
o-Xylene	4.20	0.0250	5.00		84.0	70-130			
p,m-Xylene	8.52	0.0500	10.0		85.2	70-130			
Total Xylenes	12.7	0.0250	15.0		84.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.3	70-130			
Matrix Spike (2505144-MS1)				Source:	E501240-0	7	Prepared: 0	1/31/25 A	analyzed: 02/02/25
Benzene	4.27	0.0250	5.00	ND	85.5	54-133			
Ethylbenzene	4.19	0.0250	5.00	ND	83.9	61-133			
Toluene	4.28	0.0250	5.00	ND	85.6	61-130			
o-Xylene	4.23	0.0250	5.00	ND	84.5	63-131			
p,m-Xylene	8.56	0.0500	10.0	ND	85.6	63-131			
Total Xylenes	12.8	0.0250	15.0	ND	85.3	63-131			

8.00

5.00

5.00

5.00

5.00

10.0

15.0

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

86.5

89.2

90.6

89.0

90.8

90.2

Source: E501240-07

ND

ND

ND

ND

ND

ND

70-130

54-133

61-133

61-130

63-131

63-131

63-131

5.58

6.13

5.71

5.21

5.84

5.63

6.92

4.52

4.46

4.53

4.45

9.08

13.5



Prepared: 01/31/25 Analyzed: 02/02/25

20

20

20

20

20

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo2/5/2025 11:15:14AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			2/	5/2025 11:15:14AM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505144-BLK1)							Prepared: 0	1/31/25 Ana	lyzed: 02/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	70-130			
LCS (2505144-BS2)							Prepared: 0	1/31/25 Ana	lyzed: 02/02/25
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130			
Matrix Spike (2505144-MS2)				Source:	E501240-	07	Prepared: 0	1/31/25 Ana	lyzed: 02/02/25
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			
Matrix Spike Dup (2505144-MSD2)				Source:	E501240-	07	Prepared: 0	1/31/25 Ana	lyzed: 02/02/25
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.0	70-130	0.736	20	

8.00

7.66

95.7

70-130

QC Summary Data

San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

S400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 2/5/2025 11:15:14AM

	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505161-BLK1)							Prepared: 0	1/31/25 Ana	alyzed: 02/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.9		50.0		126	61-141			
LCS (2505161-BS1)							Prepared: 0	1/31/25 Ana	lyzed: 02/01/25
Diesel Range Organics (C10-C28)	278	25.0	250		111	66-144			
Surrogate: n-Nonane	57.7		50.0		115	61-141			
Matrix Spike (2505161-MS1)				Source:	E501240-	07	Prepared: 0	1/31/25 Ana	lyzed: 02/01/25
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156			
Surrogate: n-Nonane	60.4		50.0		121	61-141			
Matrix Spike Dup (2505161-MSD1)				Source:	E501240-	07	Prepared: 0	1/31/25 Ana	lyzed: 02/01/25
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	56-156	3.19	20	
Surrogate: n-Nonane	59.3		50.0		119	61-141			



QC Summary Data

San Mateo Stebbins Water Man 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	agement, LLC	Project Name: Project Number Project Manage	: :	Shinnery Oak S 23003-0002 Ashley Gioven					Reported: 2/5/2025 11:15:14AM
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505160-BLK1)]	Prepared: 0	1/31/25	Analyzed: 01/31/25
Chlorida	ND	20.0							

Chloride	ND	20.0								
LCS (2505160-BS1)							Prepared: 01	/31/25	Analyzed: 01/31/25	
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2505160-MS1)				Source:	E501238-2	22	Prepared: 01	/31/25	Analyzed: 02/01/25	
Chloride	270	20.0	250	ND	108	80-120				
Matrix Spike Dup (2505160-MSD1)				Source:	E501238-2	22	Prepared: 01	/31/25	Analyzed: 02/01/25	
Chloride	270	20.0	250	ND	108	80-120	0.104	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

l	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/05/25 11:15

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Released to Imaging: 8/19/2025 4:15:43 PM

	Clie	nt Inform	ation			Invoice Information					La	b Us	e On	ly	TAT					State				
Client: Sa					→ h	Company: Ensolum LLC			Lab \	WO#				•	oer.	_	1D	2D	3D	Std	NM	CO UT	TX	
	Shinnery Oal	SWD 1				Address: 3122 National Parks H	wγ		ES	WO#	340)_[230	Num 03	$\overline{\mathbf{w}}$	2				Х	X			
Project N	lanager: Ash	ley Giove	engo			City, State, Zip: Carlsbad NM, 88	3220													-				
Address:	3122 Nation	nal Parks I	lwy		[]	Phone: 575-988-0055	<u> </u>						Ana	lysis	and	Met	hod					A Progra		Ц
City, Stat	e, Zip: Carlsl	oad NM, 8	3822 <u>0</u>	_	L	Email: agiovengo@ensolum.co	om														SDWA	CWA	RCR/	A_
	75-988-005 <u>9</u>					liscellaneous:													1	l			Ļ.,	
Email: ag	<u>giovengo@ei</u>	<u>nsolum.co</u>	om		L]	뭐	8015										Complian	e Y	or	N
-				Same	ole Informa	tion	(****			by 8		1021	260	300.0	ΣN	¥	letals				PWSID#			\dashv
Time Sampled	Date Sampled	Matrix	No. of Containers	Jam	JIE IIIIOI III	Sample ID	Field	li Nur	ab nber	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks		
1004	1/29/25	5	1		BHIL	- 5'		1			J_				X									
1010		5	ı		BHIL			2	(1									
1019		5	١		BHII			3											_			0.44.4.	11.0	41
1034		5	1		BHI	-11		4						_						$oxed{igspace}$	Only run 7100 TPI	tand 6	00 CI -	
1042		S			BHI	1-121		5	<u> </u>						Ц				$oxed{}$		ONLY FUN >100 TP	4 and 6	10 CI-	
1053		5	1		BHI	1-131		14							Ш				$oldsymbol{oldsymbol{oldsymbol{oldsymbol{eta}}}$	$oxed{oxed}$	Only 1 un 7100 TPA	usanocit	0 (1- 0 (1-	7.
1328		5			BHI	12-41		1							Щ									
1335		S	1		BH	12-61		{							\coprod									
1347		S	1		BH	12 - 81		C	<u> </u>						Ц	<u> </u>					ļ.,	2	0 -	100
1359		5	1			112-101		Ic													Only run 7100 T	BGOOL i PH and		
Addition	al Instruction	ns: Plea	se CC: cb	urton@en	solum.com	n, agiovengo@ensolum.com, ch	amilton	@en	solun	n.con	n													
I, (field samp Sampled by:			authenticity	of this sampl	e. I am aware t	hat tampering with or intentionally mislabe	ling the sa	mple lo	cation,	, date o	r time	of col	lection	is con	sidere	d frau	d and	may b	e groui	nds for	legal action.			
	ed by: (Signatur	e)	Date	30/25	Time 1030	Redelived by: (Stenature)	es Date	-30:	JS	Time	030)					-		•		ust be received g temp above 0			
Relinquish	ed by: (Signature) ed by: (Signature)	e) ongal	Date		Time LL30	Received by (Signature)	Date	30	.25	Time	163	So			Rec	eive	d on	ice:	_	ab U N	se Only			
Laden	J. H.		<u> </u>	30.2 5	Time 233			31:2	5	T T	30)		r	<u>T1</u>			_	<u>T2</u>			<u>T3</u>		_
Ţ	ed by: (Signatur		Date		Time	Received by: (Signature)	Date	-	- T	Time			- h-/-	la shi -	AVO	3 Ter	mp °(_ (4					
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slud	ige, A - Aque	ous, O - Othe	r	r arrangements are made. Hazardous s	COI	ntaine	riype	e: g - {	giass,	p - p	oly/p	of at 4	, ag -	amb	er gla	155, V	- VU/	t for *	he analysis	of the above	e sample	ps is
inote: Sami	oies are discard	ed 14 davs :	arter result	s are reporte	ea uniess othe	r arrangements are made. Hazardous s	ampies W	nn be r	eturne	±α το C	uent C	n uis	wsed	ui at I	ne cii	ent 6)	vheliz	c. III	: repo	COTE	ine analysis	הי נווב מטטי	e sampl	CO 13

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.

e client expense. The report for the analysis of the above samples is

envirotect

analysis of the above samples is

						Ch	nain of (Custo	dy												Page	20	of
	Clies	nt Inform	ation		TI	Invoice Inform	nation				La	b Us	e On	lv				TAT			Stat	e	٦
Project:	an Mateo Shinnery Oak	SWD 1			Add	npany: Ensolum LLC dress: 3122 National P	arks Hwy		_ Lab	wo#			Job N 23	lumb	er	2	1D		D Std X	NM X	CO UT	TX	1
Address: City, State Phone: 5	lanager: Ash 3122 Nation e, Zip: Carlsb 75-988-0055	al Parks ad NM, i	Hwy 88220		Pho Em	y, State, Zip: Carlsbad (one: 575-988-0055 nail: agiovengo@enso cellaneous:		<u> </u>	- -				Ana	lysis	and	Meth	nod			SDWA	CWA	RCRA	1
Email: a	iovengo@er	isolum.co	<u>om</u>							, 8015	, 8015	1		9	_	×	ᇎ			Complian PWSID #	ce Y	1 OI 1 IV	\dashv
				Samp	ole Informatio	n				§	RO by	/ 802	8260	e 300	S S	7- 20	Met		-		•		7
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks		
1403	1/29/25	5	1		BHI	12 - 11			11						Х						Hand 60	XICI"	_
1408	1/29125	5	1			2-12'			12						X						BGDOCK Hand GC 1 BGDOC		
1414	1/29/25	5	l			12-13'			13						X						1 BGDOC 1 and 60		Z'
		<u> </u>					· ·			<u> </u>		_								ļ			4
							·	╁╌┼				_							-	1			\dashv
			<u> </u>					\vdash		-		_						_	-				\dashv
			-					\vdash		_		_							-	<u> </u>			\dashv
								1 1		-						-							\dashv
							. <u> </u>	${}^{++}$		-	-							+					\dashv
Addition	al Instruction	ns: Plea	ise CC: cbi	urton@en	solum.com, a	giovengo@ensolum.co	om, cham	 ilton@	ensolu	m.cor	<u> </u>									<u> </u>			-
l, (field sams	oler), attest to the	validity and	d authenticity	of this sampl	e. I am aware that	tampering with or intentionally	mislabeling	the samp	le location	, date o	or time	of col	lection	is con:	sidered	d fraud	and m	nay be gr	ounds for	legal action.			\dashv
	Chad Hami ed by: (Signature		Date	30/25	Time	Received by: (Signature)		Date	.15	Time	030			•			-			ust be received g temp above (_	
Relinguishe	ed by Asignature	e) onzale	Date		1030 Time 430	Received by (Signature)	<u> </u>	Date	30.U	Time		30				eived		ce:	Lab L	lse Only			1
Lucian	ed by: (Signature		Date	30.25	Time 2330	Received by Signature	an	Date 1.3	1.25	Time	30				<u>T1</u>			_ 1	2		<u>T3</u>		.
Relinquishe	ed by: (Signature	e)	Date		Time	Received by: (Signature)		Date		Time					AVG	Tem	np °C	4	_				
Sample Mat	rix: S - Soll , Sd - So	olid, Sg - Slu	dge, A - Aque	ous, O - Other		rangements are made. Haza			iner Typ											h	afabr - b	.a.aara-1	

client expense. The report for the analysis of the above samples is

envirotec 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.

Printed: 1/31/2025 10:33:39AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC (972) 371-5200	Date Received:	01/31/25 01/31/25			rk Order ID:	E501240 Caitlin Mars
Email:	agiovengo@ensolum.com	Date Logged In: Due Date:		17:00 (4 day TAT)	LOg	ged in by:	Caltill Mars
Chain of	Custody (COC)						
	ne sample ID match the COC? ne number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?	en une e e e	Yes Yes	Carrier: C	ourier		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier. <u>C</u>	<u>ourier</u>		
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes			Commen	ts/Resolution
Sample T	Furn Around Time (TAT)	ш.		i i			
	e COC indicate standard TAT, or Expedited TAT?		Yes		Client Comme	ent: For sa	amples 4,5,6,10-13-
Sample C	<u>Cooler</u>				Only run BGI	OC if >1	00 TPH & 600 CL
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container	temperature. 4	<u>c</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	,	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	<u>bel</u>						
	field sample labels filled out with the minimum info ample ID?	rmation:	Yes				
	rate/Time Collected?		Yes	ı			
C	ollectors name?		Yes				
Sample F	<u>Preservation</u>						
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	ietals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multiphas		No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	•	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA		
Client In	<u>istruction</u>						
Signat	ure of client authorizing changes to the COC or sample disp	oosition.			Date		- 🥝 envirotech Ir

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504163

Job Number: 23003-0002

Received: 4/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/25/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/25/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504163

Date Received: 4/21/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/21/2025 7:30:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BH01-16'	6
BH01-18'	7
BH01-20'	8
BH01-25'	9
BH01-30'	10
BH01-35'	11
BH02-5'	12
BH02-7'	13
BH02-9'	14
BH02-11'	15
BH02-13'	16
BH02-15'	17
BH04-8'	18
BH04-10'	19
BH04-12'	20
BH04-14'	21
BH07-9'	22
BH07-11'	23
BH07-13'	24
BH10-3'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutode
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/25/25 12:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-16'	E504163-01A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH01-18'	E504163-02A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH01-20'	E504163-03A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH01-25'	E504163-04A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH01-30'	E504163-05A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH01-35'	E504163-06A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH02-5'	E504163-07A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH02-7'	E504163-08A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH02-9'	E504163-09A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH02-11'	E504163-10A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH02-13'	E504163-11A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH02-15'	E504163-12A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH04-8'	E504163-13A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH04-10'	E504163-14A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH04-12'	E504163-15A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH04-14'	E504163-16A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH07-9'	E504163-17A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH07-11'	E504163-18A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH07-13'	E504163-19A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
BH10-3'	E504163-20A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH01-16' E504163-01

		E504163-01					
Reporting							
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2517007	
Benzene	ND	0.0250	1	04/21/25	04/21/25		
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25		
Toluene	ND	0.0250	1	04/21/25	04/21/25		
o-Xylene	ND	0.0250	1	04/21/25	04/21/25		
p,m-Xylene	ND	0.0500	1	04/21/25	04/21/25		
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25		
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	04/21/25	04/21/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2517007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	04/21/25	04/21/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2517010	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25		
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25		
Surrogate: n-Nonane		93.6 %	61-141	04/21/25	04/22/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2517017	
Chloride	1060	20.0	1	04/21/25	04/21/25		

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH01-18' E504163-02

			E304103-02			304103-02
epared Analyzed	on Prepared	Dilution	Reporting Limit	Result	Analyte	
	nalyst: BA	Anal	mg/kg	mg/kg	platile Organics by EPA 8021B	mg/kg
/21/25 04/21/25	04/21/25	1	0.0250	ND	enzene	0.0250
/21/25 04/21/25	04/21/25	1	0.0250	ND	hylbenzene	0.0250
/21/25 04/21/25	04/21/25	1	0.0250	ND	luene	0.0250
/21/25 04/21/25	04/21/25	1	0.0250	ND	Xylene	0.0250
/21/25 04/21/25	04/21/25	1	0.0500	ND	m-Xylene	0.0500
/21/25 04/21/25	04/21/25	1	0.0250	ND	tal Xylenes	0.0250
/21/25 04/21/25	04/21/25	70-130	98.4 %		rrogate: 4-Bromochlorobenzene-PID	8.4 %
	nalyst: BA	Anal	mg/kg	mg/kg	onhalogenated Organics by EPA 8015D - GRO	mg/kg
/21/25 04/21/25	04/21/25	1	20.0	ND	asoline Range Organics (C6-C10)	20.0
/21/25 04/21/25	04/21/25	70-130	93.7 %		rrogate: 1-Chloro-4-fluorobenzene-FID	3.7 %
	nalyst: KH	Anal	mg/kg	mg/kg	onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg
/21/25 04/22/25	04/21/25	1	25.0	ND	esel Range Organics (C10-C28)	25.0
/21/25 04/22/25	04/21/25	1	50.0	ND	l Range Organics (C28-C36)	50.0
/21/25 04/22/25	04/21/25	61-141	86.4 %		rrogate: n-Nonane	6.4 %
	nalyst: DT	Anal	mg/kg	mg/kg	nions by EPA 300.0/9056A	mg/kg
/21/25 04/21/25	04/21/25	1	20.0	1100	nloride	20.0
/21/25 04/22/25	04/21/25 nalyst: DT		86.4 % mg/kg	mg/kg	rrogate: n-Nonane nions by EPA 300.0/9056A	6.4 % o



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH01-20' E504163-03

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2517007
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0500	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
	98.9 %	70-130	04/21/25	04/21/25	
mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2517007
ND	20.0	1	04/21/25	04/21/25	
	94.2 %	70-130	04/21/25	04/21/25	
mg/kg	mg/kg	Ana	alyst: KH		Batch: 2517010
ND	25.0	1	04/21/25	04/22/25	
ND	50.0	1	04/21/25	04/22/25	
	92.1 %	61-141	04/21/25	04/22/25	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2517017
795	20.0	1	04/21/25	04/21/25	
	ND mg/kg ND mg/kg	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0 94.2 % mg/kg ND 25.0 ND 50.0 92.1 % mg/kg mg/kg mg/kg	ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 98.9 % 70-130 mg/kg mg/kg Ana ND 20.0 1 94.2 % 70-130 mg/kg ND 25.0 1 ND 25.0 1 ND 50.0 1 92.1 % 61-141 mg/kg mg/kg Ana	mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0500 1 04/21/25 ND 0.0250 1 04/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25 ND 50.0 1 04/21/25 ND 50.0 1 04/21/25 mg/kg 61-141 04/21/25 mg/kg mg/kg Analyst: DT	mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 04/21/25 ND 0.0500 1 04/21/25 04/21/25 ND 0.0250 1 04/21/25 04/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 04/21/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 MD 50.0 1 04/21/25 04/22/25 MD 50.0 1 04/21/25 04/22/25 Mg/kg



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH01-25'

E504163-04								
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007		
Benzene	ND	0.0250	1	04/21/25	04/21/25			
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25			
Toluene	ND	0.0250	1	04/21/25	04/21/25			
o-Xylene	ND	0.0250	1	04/21/25	04/21/25			
p,m-Xylene	ND	0.0500	1	04/21/25	04/21/25			
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25			
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	04/21/25	04/21/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	04/21/25	04/21/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2517010		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25			
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25			
Surrogate: n-Nonane		86.7 %	61-141	04/21/25	04/22/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2517017		
Chloride	545	20.0	1	04/21/25	04/21/25			



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH01-30' E504163-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
o-Xylene	ND	0.0250	1	04/21/25	04/21/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		88.5 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2517017
Chloride	548	20.0	1	04/21/25	04/21/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH01-35' E504163-06

	2001100 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	rst: BA		Batch: 2517007
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0500	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
	99.3 %	70-130	04/21/25	04/21/25	
mg/kg	mg/kg	Analy	rst: BA		Batch: 2517007
ND	20.0	1	04/21/25	04/21/25	
	94.4 %	70-130	04/21/25	04/21/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2517010
ND	25.0	1	04/21/25	04/22/25	
ND	50.0	1	04/21/25	04/22/25	
	87.4 %	61-141	04/21/25	04/22/25	
					2515015
mg/kg	mg/kg	Analy	rst: DT		Batch: 2517017
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 MD 20.0 94.4 % mg/kg MD 25.0 ND 50.0 87.4 %	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 99.3 % 70-130 70-130 mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 87.4 % 61-141	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0500 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25 ND 50.0 1 04/21/25 87.4 % 61-141 04/21/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 04/21/25 ND 0.0250 1 04/21/25 04/21/25 ND 0.0250 1 04/21/25 04/21/25 ND 0.0500 1 04/21/25 04/21/25 ND 0.0250 1 04/21/25 04/21/25 ND 0.0250 1 04/21/25 04/21/25 MD 0.0250 1 04/21/25 04/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 04/21/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH02-5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		91.9 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2517017
Allions by EFA 500.0/9030A						



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH02-7'

	Reporting					
Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2517007
ND	0.0250		1	04/21/25	04/22/25	
ND	0.0250		1	04/21/25	04/22/25	
ND	0.0250		1	04/21/25	04/22/25	
ND	0.0250		1	04/21/25	04/22/25	
ND	0.0500		1	04/21/25	04/22/25	
ND	0.0250		1	04/21/25	04/22/25	
	99.7 %	70-130		04/21/25	04/22/25	
mg/kg	mg/kg		Analyst:	BA		Batch: 2517007
ND	20.0		1	04/21/25	04/22/25	
	93.4 %	70-130		04/21/25	04/22/25	
mg/kg	mg/kg		Analyst:	KH		Batch: 2517010
ND	25.0		1	04/21/25	04/22/25	
ND	50.0		1	04/21/25	04/22/25	
				0.4/2.1/2.5	04/22/25	
	89.8 %	61-141		04/21/25	04/22/23	
mg/kg	89.8 % mg/kg		Analyst:		04/22/23	Batch: 2517017
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 93.4 % mg/kg Mg/kg mg/kg ND 25.0	Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 mg/kg mg/kg ND 20.0 93.4 % 70-130 mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 99.7 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 mg/kg mg/kg Analyst: ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0500 1 04/21/25 ND 0.0250 1 04/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 04/22/25 ND 0.0500 1 04/21/25 04/22/25 ND 0.0250 1 04/21/25 04/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 04/22/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25 04/22/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH02-9'

		Domontin o				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
Surrogate: n-Nonane		90.2 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2517017
Chloride	578	20.0	1	04/21/25	04/21/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH02-11' E504163-10

	200.100 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2517007
ND	0.0250	1	04/21/25	04/22/25	
ND	0.0250	1	04/21/25	04/22/25	
ND	0.0250	1	04/21/25	04/22/25	
ND	0.0250	1	04/21/25	04/22/25	
ND	0.0500	1	04/21/25	04/22/25	
ND	0.0250	1	04/21/25	04/22/25	
	99.9 %	70-130	04/21/25	04/22/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2517007
ND	20.0	1	04/21/25	04/22/25	
	94.2 %	70-130	04/21/25	04/22/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2517010
ND	25.0	1	04/21/25	04/22/25	
ND	50.0	1	04/21/25	04/22/25	
	91.5 %	61-141	04/21/25	04/22/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2517017
				04/21/25	
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 94.2 % mg/kg MD 25.0 ND 50.0 91.5 %	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 99.9 % 70-130 mg/kg mg/kg Anal ND 20.0 1 94.2 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 91.5 % 61-141	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0500 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25 ND 50.0 1 04/21/25 ND 50.0 1 04/21/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/21/25 04/22/25 ND 0.0250 1 04/21/25 04/22/25 ND 0.0250 1 04/21/25 04/22/25 ND 0.0500 1 04/21/25 04/22/25 ND 0.0250 1 04/21/25 04/22/25 ND 0.0250 1 04/21/25 04/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 04/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/21/25 04/22/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH02-13'

E504163-11							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007	
Benzene	ND	0.0250	1	04/21/25	04/22/25		
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25		
Toluene	ND	0.0250	1	04/21/25	04/22/25		
o-Xylene	ND	0.0250	1	04/21/25	04/22/25		
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25		
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/21/25	04/22/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	04/21/25	04/22/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2517010	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25		
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25		
Surrogate: n-Nonane		88.1 %	61-141	04/21/25	04/22/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2517017	
Chloride	624	20.0	1	04/21/25	04/21/25		



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH02-15'

		E504163-12					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007	
Benzene	ND	0.0250	1	04/21/25	04/22/25		
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25		
Toluene	ND	0.0250	1	04/21/25	04/22/25		
o-Xylene	ND	0.0250	1	04/21/25	04/22/25		
o,m-Xylene	ND	0.0500	1	04/21/25	04/22/25		
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25		
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/21/25	04/22/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2517007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	04/21/25	04/22/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2517010	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25		
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25		
Surrogate: n-Nonane		85.9 %	61-141	04/21/25	04/22/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2517017	
Chloride	378	20.0	1	04/21/25	04/21/25		



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH04-8'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	Analyst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		85.1 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	Analyst: DT		Batch: 2517017
Chloride	1150	20.0	1	04/21/25	04/21/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH04-10'

E504163-14							
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2517007	
Benzene	ND	0.0250	1	04/21/25	04/22/25		
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25		
Toluene	ND	0.0250	1	04/21/25	04/22/25		
o-Xylene	ND	0.0250	1	04/21/25	04/22/25		
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25		
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/21/25	04/22/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2517007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	04/21/25	04/22/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2517010	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25		
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25		
Surrogate: n-Nonane		87.7 %	61-141	04/21/25	04/22/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2517017	
Chloride	925	20.0	1	04/21/25	04/21/25		



Chloride

Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH04-12'

		E504163-15				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		89.3 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2517017

20.0

1520

04/21/25

1

04/21/25



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH04-14' E504163-16

		E304103-10				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Amaryte	Result	Limit	Dilution	Trepared	Maryzea	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		84.5 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2517017
Chloride	432	20.0	1	04/21/25	04/21/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH07-9'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	178	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	53.7	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		88.2 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	Analyst: DT		Batch: 2517017
Chloride	2540	20.0	1	04/21/25	04/22/25	

Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH07-11'

		E504163-18				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	221	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	78.4	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		90.2 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2517017
Chloride	2790	20.0	1	04/21/25	04/22/25	



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH07-13' E504163-19

		1304105 17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2517007
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2517007
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KH		Batch: 2517010
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
Surrogate: n-Nonane		88.9 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2517017
Chloride	642	20.0	1	04/21/25	04/22/25	



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:41:38PM

BH10-3'

		E504163-20									
Reporting											
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes					
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2517007					
Benzene	ND	0.0250	1	04/21/25	04/22/25						
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25						
Toluene	ND	0.0250	1	04/21/25	04/22/25						
o-Xylene	ND	0.0250	1	04/21/25	04/22/25						
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25						
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25						
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/21/25	04/22/25						
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2517007					
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25						
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	04/21/25	04/22/25						
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2517010					
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25						
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25						
Surrogate: n-Nonane		87.0 %	61-141	04/21/25	04/22/25						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2517017					
Chloride	ND	20.0	1	04/21/25	04/22/25						



QC Summary Data

San Mateo Stebbins Water Management, LLC Shinnery Oak SWD #001 Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/25/2025 12:41:38PM **Volatile Organics by EPA 8021B** Analyst: BA RPD Reporting Spike Source Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517007-BLK1) Prepared: 04/21/25 Analyzed: 04/21/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.36 8.00 92.0 70-130 LCS (2517007-BS1) Prepared: 04/21/25 Analyzed: 04/21/25 5.25 5.00 105 70-130 0.0250 Benzene Ethylbenzene 5.27 0.0250 5.00 105 70-130 5.29 70-130 0.0250 5.00 106 Toluene 5.17 103 70-130 o-Xylene 0.0250 5.00 10.6 0.0500 10.0 106 70-130 p,m-Xylene 15.8 105 70-130 0.0250 15.0 Total Xylenes 70-130 8.00 94.7 Surrogate: 4-Bromochlorobenzene-PID 7.58

Matrix Spike (2517007-MS1)				Source:	E504163-	05	Prepared: 04/21/25 Analyzed: 04/21/25
Benzene	4.66	0.0250	5.00	ND	93.2	70-130	
Ethylbenzene	4.65	0.0250	5.00	ND	93.1	70-130	
Toluene	4.69	0.0250	5.00	ND	93.7	70-130	
o-Xylene	4.55	0.0250	5.00	ND	90.9	70-130	
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	70-130	
Total Xylenes	13.9	0.0250	15.0	ND	92.8	70-130	
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130	

Aatrix Spike Dup (2517007-MSD1)					Source: E504163-05			4/21/25 Analyzed: 04/21/25
Benzene	5.14	0.0250	5.00	ND	103	70-130	9.80	27
Ethylbenzene	5.16	0.0250	5.00	ND	103	70-130	10.2	26
Toluene	5.18	0.0250	5.00	ND	104	70-130	9.97	20
o-Xylene	5.04	0.0250	5.00	ND	101	70-130	10.2	25
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	10.2	23
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	10.2	26
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.8	70-130		

Gasoline Range Organics (C6-C10)

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/25/2025 12:41:38PM

	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: BA		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2517007-BLK1)							Prepared: 0	4/21/25 Anal	yzed: 04/21/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.3	70-130				
LCS (2517007-BS2)							Prepared: 0	4/21/25 Anal	yzed: 04/21/25	

Surrogate: I-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	/0-130	
Matrix Spike (2517007-MS2)				Source:	E504163-0)5	Prepared: 04/21/25 Analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130	
Matrix Snike Dun (2517007-MSD2)				Source	E504163-0)5	Prepared: 04/21/25 Analyzed: 04/21/25

50.0

8.00

ND

50.0

20.0

20.0

44.2

7.62

90.4

88.5

95.3

70-130

70-130

70-130

6.23

20

QC Summary Data

San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

S400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 4/25/2025 12:41:38PM

	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: KH		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2517010-BLK1)							Prepared: 0	4/21/25 Ana	llyzed: 04/22/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	43.2		50.0		86.4	61-141					
LCS (2517010-BS1)							Prepared: 0	4/21/25 Ana	lyzed: 04/22/25		
Diesel Range Organics (C10-C28)	215	25.0	250		86.0	66-144					
Surrogate: n-Nonane	42.6		50.0		85.1	61-141					
Matrix Spike (2517010-MS1)				Source:	E504163-0	01	Prepared: 0	4/21/25 Ana	lyzed: 04/22/25		
Diesel Range Organics (C10-C28)	220	25.0	250	ND	87.8	56-156					
Surrogate: n-Nonane	43.9		50.0		87.8	61-141					
Matrix Spike Dup (2517010-MSD1)				Source: E504163-01			Prepared: 04/21/25 Analyzed: 04/2				
Diesel Range Organics (C10-C28)	211	25.0	250	ND	84.3	56-156	4.07	20			
Surrogate: n-Nonane	42.9		50.0		85.8	61-141					



Matrix Spike (2517017-MS1)

Matrix Spike Dup (2517017-MSD1)

Chloride

Chloride

1030

1020

Prepared: 04/21/25 Analyzed: 04/21/25

Prepared: 04/21/25 Analyzed: 04/21/25

20

QC Summary Data

San Mateo Stebbins Water Mana 5400 LBJ Freeway, Suite 1500	agement, LLC	Project Name: Project Number:	3					Reported:	
Dallas TX, 75240		Project Manager:	: A	Ashley Giovengo					4/25/2025 12:41:38PM
		Anions	by EPA		Analyst: DT				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits		RPD Limit	
1	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517017-BLK1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Chloride	ND	20.0							
LCS (2517017-BS1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Chloride	258	20.0	250		103	90-110			

250

250

20.0

20.0

Source: E504163-03

Source: E504163-03

94.0

88.4

80-120

80-120

1.37

795

795

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

San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001

5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Reported:
Dallas TX, 75240
Project Manager: Ashley Giovengo 04/25/25 12:41

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Client Information Invoice Information				ation	Lab Use Only TAT						State	•																	
	an Mateo								pany: Ensolum LLC			La	ab V	VO#		_	Job				1D	2D	3D	Std	N	м со	UT	ТХ	
Project:	Shinnery (<u>Dak</u>	SWD #0	01			_	<u>Add</u>	ress: 3122 National Pa	arks Hwy		LE	<u> 5</u>	$\nu \alpha$	llo	3	23	B.	ω	2				Х	X				
Project N	lanager: .	<u>Ashl</u>	ley Giove	engo				City,	<u>, State, Zip: Carlsbad N</u>	<u>IM, 88220</u>	<u> </u>	[•				
	3122 Nat							Phor	ne: 575-988-0055								Ana	lysis	and	Met	hod					EPA P	rogra	m	
City, Stat	e, Zip: Ca	rlsba	<u>ad NM, 8</u>	<u>88220</u>				Ema	ail: agiovengo@ensol	lum.com															SDW	4 C/	NΑ	RC	RA
Phone: 5	75-988-0	055						Misce	ellaneous:					1													_		
Email: a	giovengo@	<u>en:</u>	solum.co	om										۲ <u>۲</u>	15								1		Compli	ance	Υ	or	N
														8	, 88	=		0.0		×	als	1	1	ll	PWSID	#			
						Samp	le Inforn	nation	1					ğ	စ္ခ	807	826	a 304	N.	.5	Met								
Time Sampled	Date Sample	ed	Matrix	No. o Contain				S	ample ID		Field Filter	Lab Numb	er	DRO/ORO by 8015	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals						narks		
1548	4/17/2	5	S	1			1	B#6	1-161			1							X							:8:2€v.	<u>a(</u>	4.8	 }
1611			5	l			Bito 1 18'					2							X									41	1
1632			S	l			_	B Ho	1 20'			M							X									5.	[
1742			S	1				BHO	01 25'			4							X									5.1	
1818			5				BH01-30'					5							X						_			4.8	,)
1401			S	1				BHO	1-351			V							χ									5.1	
1147			5	1			ĵ	BHO	2-5			7							X								(4.1	
1215			5	1				B407	2 - 7			8							X								_	ц:	7
1355			5	1				- В#0	2 - 9			9							X									48	3
1418	1		5	l					02-11			10							Х									ધા	4
Addition	al Instruc	tion	s: Plea	ase CC:	cburto	n@ens	olum.co	om, ag	iovengo@ensolum.co	m, chami	lton@	@ensol	lum.	.com	n, ies	trella	a@e	nsou	lm.c	om, t	sim	mon	s@ei	nsolu	m.com	,			
									solum.com																				
							. I am awar	re that ta	ampering with or intentionally r	mislabeling tl	ne sam	ple locati	ion, d	late o	r time	of coll	ection	is con:	siderec	fraud	and m	ay be	groun	ds for le	egal actio	n.			
	Chad F				Date		īme		10 A b (10	_	100-1	.^		Time -					Car-1	e ===:-1:	dan AL -			lan	• ho ====*:	ad an lac t	ha d	hau ===	
reinquish	ed by: (Signa	eure.	₽		4/18/		105		Received by: (Signature)		27.	1P12	25	'""[^e -	30	5					-					ed on ice ti e O but less			
Relinguish	ed by: (Signa	turo	1 -		Dafe	<u>دی ا</u>	ime	- 	Repired by (Signature)		Date	<i>/</i> √~	=	lime	<u> </u>	$\overline{}$,		enpeoa	uent da	we				e Only				
LV	Va	_		, i	7.18	325	150	Philipped by: (Signature)			4.	12-72	\int	کلّ	O				Rece	ived	on i	ce:)/ N	e Only				
, ,	ed by:#Signa	- 1			149,		D119	Received by: (Signature)			4.	21.23	5	7	30)			T1 T2 T3										
Relinquish	ed by: (Signa	ture	e)		Date		ime	R	Received by: (Signature)		Date		ין	Time					AVG	Tem	p °C	<u>ظ.</u> ٥	9_						
	rix: S - Soil, So											ainer Ty						astic,	ag - a	mbe	r glas	ss, v -	VOA						_
									angements are made. Hazardiability of the laboratory is li								osed	f at t	he clie	nt exp	ense	. The	report	for th	e analys	s of the	above	samp	les is

(3

client expense. The report for the analysis of the above samples is

envirotech

		٠				1 1									•	_			TAT State				
	Shinne	teo ery Oak	s SWD #0	01		A	Invoice Informompany: Ensolum LLC ddress: 3122 National P	arks Hwy	_	La E	ь wc	<u></u> 		Job I	Vumb	• 100	2	1D 2	TAT D 3D	Std X	NM X	State CO UT	-
Address: City, Stat Phone:	3122 e, Zip: 575-98	Nation Carlst 8-0055	nley Giovenal Parks Dad NM, S Dad NM, S Dasolum.co	Hwy 88220		Ph Ei	ty, State, Zip: Carlsbad None: 575-988-0055 mail: agiovengo@enso scellaneous:				by 8015	8015			lysis					Cor	DWA	A Progra CWA	RCRA
					Sam	ple Informati	on					ρ	8021	8260	300.	N.	χ . - 20	Meta	<u> </u>	*310 #			
Time Sampled	Date Sa	ampled	Matrix	No. of Containers		Sample ID			Field	Lab Numb	er 080/080	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			1	Remarks	;
1440	4/1	7/25	5	1		BH02-131				11						X					<u> ৯৭</u> %		4.3
1512			_ 5	1		ß	HOZ-15'			12						X							4.4
1141			5	1		В	404-81	·		13						χ							4.8
1200			5	1	<u> </u>	B <i>H</i>	04 -10'		į	14						X							53
1216			5	1	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	В	HO4 - 12'			15						X							<u> 51</u>
1236			5		<u> </u>	13	SHO4-14'			14		_				X							<u> 3.8</u>
0954			5	1	_	B	HO7-9'			17						Χ							<u>5</u> 8
1006			5	l.	<u> </u>	В	H07-11			18						X							5 3
1051			S	1		В	H07 - 13'			19						Χ				\perp			6.1
0957		L	5				S# BH10-3'			20						χ							6.3
igonzale	z@ens	solum.	com. bm	oir@ens	olum.com	. oaderinto@	agiovengo@ensolum.co ensolum.com														•		
i, (field sam Sampled by			ton <u>. Abu</u>			pie. I am aware tha	t tampering with or intentionally	mislabeling	tne san	npie iocati	on, date	or time	OT COL	lection	is cons	laerea	Trauc	and may	be ground:	s for tegal	action.		
Relinquish	ed by: (S	Signatur	릵	Dat 4/	18/25	Time (0:57	Received by (Signature)	· "	Date	1.18		35	0			-	-	-	al preservation ked in ice at a	an avg temp	p above 0 bu		
Relinquished by: (Signature) Date (/ a Fime Refered by		Referred by: (Signature) Wichelle Gon	zalec	Date 4	-18-2	S	<u>20</u>	0			Rece	eived	on ice		b Use C / N	nly							
Reindensperient of the Section of th					4	121.25		130				<u>T1</u>			<u>T2</u>		:	Т3					
Relinquished by: (Signature) Date Time Received by: (Signature)				Date		Tim	e				AVG	Ten	ıp°C ⁽	1.9									

Printed: 4/22/2025 9:58:25AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	04/21/25 0	7:30		Work Order ID:	E504163
Phone:	(972) 371-5200	Date Logged In:	04/18/25 1	6:16		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/25/25 1	7:00 (4 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al	Custody (COC) e sample ID match the COC? e number of samples per sampling site location management of samples per sampling site location management of the samples dropped off by client or carrier? COC complete, i.e., signatures, dates/times, reque lamples received within holding time? Note: Analysis, such as pH which should be conducted in i.e., 15 minute hold time, are not included in this disucssion that are not included in this disucssion. COC indicate standard TAT, or Expedited TAT?	sted analyses?	Yes Yes Yes Yes Yes Yes	Carrier: <u>C</u>		·	s/Resolution eratures listed on
Sample C	•				COC.		
	ample cooler received?		Yes				
	vas 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				
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling isible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C	ontainer_						
	ueous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contai	ners collected?	Yes				
Sa Da	el Teld sample labels filled out with the minimum info mple ID? The Collected? The Collected? The Collected?	ormation:	Yes Yes Yes				
Sample P	reservation		100				
21. Does t	he COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
28. Are sa	act Laboratory mples required to get sent to a subcontract laborate subcontract laboratory specified by the client and i	•	No NA	Subcontract Lab	o: NA		
Client In	struction						

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Black River Gas (Plant 3)

Work Order: E504166

Job Number: 23003-0002

Received: 4/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/25/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/25/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Black River Gas (Plant 3)

Workorder: E504166

Date Received: 4/21/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/21/2025 7:30:00AM, under the Project Name: Black River Gas (Plant 3).

The analytical test results summarized in this report with the Project Name: Black River Gas (Plant 3) 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH07-15'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Black River Gas (Plant 3)	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/25/25 12:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH07-15'	E504166-01A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Black River Gas (Plant 3)	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:48:47PM

BH07-15' E504166-01

	E504100-01				
	1 &				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2517006
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
ND	0.0500	1	04/21/25	04/21/25	
ND	0.0250	1	04/21/25	04/21/25	
	90.7 %	70-130	04/21/25	04/21/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2517006
ND	20.0	1	04/21/25	04/21/25	
	92.9 %	70-130	04/21/25	04/21/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2517011
ND	25.0	1	04/21/25	04/22/25	
ND	50.0	1	04/21/25	04/22/25	
	94.8 %	61-141	04/21/25	04/22/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2517002
98.3	20.0	1	04/21/25	04/22/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 mg/kg mg/kg MD 20.0 92.9 % mg/kg MD 25.0 ND 50.0 94.8 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 90.7 % 70-130 70-130 mg/kg mg/kg Anal ND 20.0 1 92.9 % 70-130 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 94.8 % 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0500 1 04/21/25 ND 0.0250 1 04/21/25 ND 0.0250 1 04/21/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/21/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/21/25 ND 50.0 1 04/21/25 ND 50.0 1 04/21/25 Mg/kg Analyst: HM ND 25.0 1 04/21/25 Mg/kg Mg/kg Analyst: DT Analyst: DT DH DH/21/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/21/25 04/21/25 ND 0.0500 1 04/21/25 04/21/25 ND 0.0250 1 04/21/25 04/21/25 mg/kg mg/kg Analyst: SL 04/21/25 04/21/25 mg/kg mg/kg Analyst: SL 04/21/25 04/21/25 mg/kg mg/kg Analyst: HM 04/21/25 04/21/25 04/21/25 ND 25.0 1 04/21/25 04/22/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 ND 50.0 1 04/21/25 04/22/25 ND 50.0

QC Summary Data

Black River Gas (Plant 3) San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/25/2025 12:48:47PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517006-BLK1) Prepared: 04/21/25 Analyzed: 04/21/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.48 8.00 81.1 70-130 LCS (2517006-BS1) Prepared: 04/21/25 Analyzed: 04/21/25 5.87 117 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.91 0.0250 5.00 118 70-130 5.93 0.0250 5.00 119 70-130 Toluene o-Xylene 5.84 0.0250 5.00 117 70-130 11.9 10.0 119 70-130 0.0500 p.m-Xvlene 119 70-130 17.8 15.0 Total Xylenes 0.0250 8.00 87.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.97 Matrix Spike (2517006-MS1) Source: E504162-03 Prepared: 04/21/25 Analyzed: 04/22/25 5.56 0.0250 5.00 ND 111 70-130 Benzene ND 70-130 Ethylbenzene 5.48 0.0250 5.00 110 Toluene 5.53 0.0250 5.00 ND 111 70-130 ND 108 70-130 5.40 5.00 0.0250 o-Xylene p,m-Xylene 11.1 0.0500 10.0 ND 111 70-130 16.5 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.89 8.00 Matrix Spike Dup (2517006-MSD1) Source: E504162-03 Prepared: 04/21/25 Analyzed: 04/21/25

5.76

5.80

5.81

5.72

11.7

17.4

6.99

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

115

116

116

114

117

116

87.4

70-130

70-130

70-130

70-130

70-130

70-130

70-130

3.60

5.63

4 84

5.73

5.67

5.69

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Black River Gas (Plant 3)Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/25/2025 12:48:47PM

Dallas TX, 75240		Project Manage	r: As		4/25/2025 12:48:47PM						
	Non	halogenated	Organics	by EPA 80	15D - G	RO		Analyst: SL			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
Blank (2517006-BLK1)							Prepared: 0	4/21/25 Anal	yzed: 04/21/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130					
LCS (2517006-BS2)							Prepared: 0	4/21/25 Analy	yzed: 04/21/25		
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		81.0	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130					
Matrix Spike (2517006-MS2)				Source:	E504162-	03	Prepared: 0	4/21/25 Analy	yzed: 04/21/25		
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.8	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130					
Matrix Spike Dup (2517006-MSD2)				Source:	E504162-	03	Prepared: 0	4/21/25 Analy	yzed: 04/21/25		
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	ND	80.9	70-130	10.4	20			

8.00

7.68

96.0

70-130



QC Summary Data

San Mateo Stebbins Water Management, LLC Project Name: Black River Gas (Plant 3) Reported:
5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002
Dallas TX, 75240 Project Manager: Ashley Giovengo 4/25/2025 12:48:47PM

Danas 1A, 75240		1 Toject Wianage	1. 71d	mey Gloveng	30			17 23	,,2023 12.10.17110
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO		1	Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517011-BLK1)							Prepared: 0	4/21/25 Analy	vzed: 04/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.6		50.0		91.1	61-141			
LCS (2517011-BS1)							Prepared: 0	4/21/25 Analy	zed: 04/21/25
Diesel Range Organics (C10-C28)	246	25.0	250		98.5	66-144			
Surrogate: n-Nonane	44.6		50.0		89.2	61-141			
Matrix Spike (2517011-MS1)				Source:	E504162-0	04	Prepared: 0	4/21/25 Analy	zed: 04/21/25
Diesel Range Organics (C10-C28)	12500	125	250	11200	503	56-156			M4
Surrogate: n-Nonane	81.0		50.0		162	61-141			S5
Matrix Spike Dup (2517011-MSD1)				Source:	E504162-0	04	Prepared: 0	4/21/25 Analy	zed: 04/21/25
Diesel Range Organics (C10-C28)	12200	125	250	11200	380	56-156	2.49	20	M4
Surrogate: n-Nonane	88.5		50.0		177	61-141			S5

Analyte

QC Summary Data

San Mateo Stebbins Water Management, LLC 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Black River Gas (Plant 3) 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/25/2025 12:48:47PM

		Analyst: DT								
	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	ma or/Iros	ma or/Iron	ma co/Irco		0/	0/	0/	0/	NT 4	

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517002-BLK1)							Prepared: 0	4/21/25 An	alyzed: 04/21/25
Chloride	ND	20.0							
LCS (2517002-BS1)							Prepared: 0	4/21/25 An	alyzed: 04/21/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2517002-MS1)				Source:	E504157-0	04	Prepared: 0	4/21/25 An	alyzed: 04/21/25
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2517002-MSD1)				Source:	E504157-0	04	Prepared: 0	4/21/25 An	alyzed: 04/21/25
Chloride	252	20.0	250	ND	101	80-120	0.166	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

	San Mateo Stebbins Water Management, LLC	Project Name:	Black River Gas (Plant 3)	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/25/25 12:48

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Page _	ı	_ of _	1
State			

	Clie	nt Inform	ation				Invoice	Information					La	b Us	e On	ly				T	AT			St	ate	
Client: S	an Mateo					Comp	pany: Ensolun	n LLC			Lab V	NO#.		_	l dol	Num	ber	_	1D	2D	3D	Std	NI NI	/I co l	JT	TX
Project:	Shinnery Oak	SWD #0	01			Addr	ess: 3122 Nat	ional Parks Hw		[EE	SC.	Ille	5	23	SOC	3-00	XX				X	X		T	
Project N	1anager: Ash	ley Giove	engo			City,	State, Zip: Car	Isbad NM, 882	20	[•			-			•				<u></u>	-		
Address:	3122 Nation	al Parks	Hwy				e: 575-988-0				ſ				Ana	lysis	and	Met	hod					EPA Pro	gran	n
City, Stat	e, Zip: Carlst	oad NM, 8	88220			Emai	il: agiovengo	@ensolum.com	1		ſ												SDWA	CW	1	RCRA
Phone: 5	75-988-0055	5					llaneous:				- }													1	T	
Email: a	giovengo@er	nsolum.co	om									2	2							l			Complia	nce	<u>γ</u>	or N
											ļ	8	8	-	ا ہ	0.0	_	l "	¥		1		PWSID	#		
-				Samı	ole Inform	nation						Ö.	Ö.	802	826(300	N-	×	ğ ğ	l						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sa	ample ID		Field	Lat Numi	b ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Rema	rks	
									 	1		┪	- 				-		٣	<u> </u>	r		Only R	n ie Bi	107	-/3' is
1053	4/17/25	S				RHO	7-15		1	(X						•	PH or		
, , , ,	,,,,					<u> </u>			 			\neg					Ť						<i>y</i> ,	<i>p</i> 657 .		
									1										<u> </u>							
				Ì																						
								•																		
																				<u> </u>						
											ı															
																					<u> </u>					
									1	ļ			_							1						
			ļ					_	-	-							 -			├	<u> </u>					
									1			l	ı							1						
-			 						+		_								-	-						
									ļ						1											
Addition	ni inctruction	oc. Dico	co CC: ch	ı d an@a-	colum co			lum.com, chan	iltor (Monce Monce	<u> </u>			trof!			l		hain-							
							-	ши.сот, спап	mron(₩ens0	num	.con	ı, ies	uell	اعس	เรยน	C	UIII, I	nsim	πιοπ	ംഘ	เรยเน	m.com,			
I. (field same	z@ensolum.e	validity and	<u>υιτισεπso</u> I authenticity	of this sample	oagerint e. I am awar	<u>.u.wens</u> re that tar	mpering with or inte	ntionally mislabeling	the sam	ple loca	tion.	date o	r time	of coll	ection	is con	sidere	d fraud	l and n	nav be	ground	ds for l	egal action			
	Chad Hami							,		•	·			-						,	•					İ
	ed by: (Signatur		Date		Time	Re	ecelved by: (Signa	ture)	Date		T	Time					Sample	es requi	iring the	ermal p	reservat	tion mu:	t be receive	d on ice the	day the	гу аге
1			4/1	8125	10:5		(A	^	14	./¥·	20	,12	A	\supset			sample	ed or re	ceived	packed	in ice at	an avg	temp above	0 but less th	an 6°C	on
Belinquiek	ed by: (Signature	e)	Gate	م جسا	Time	R	erewed by: (Stand	ture	Date	*	9	Time					enpeac	ruont d	3115		, La	ab Us	e Only			
	ed by: (Signature	,	14	MUS	151	Ω	Vichelle	Googales) (3) 4	-185	23 l	15	3	2			Rece	eived	l on i	ice:		/ N				
Relingiji	ed y Renaver		Date	- *	Time	Re	eceived by: (Signa	<u> </u>	Date			Time										,				
40/6	anale C	1 osh	14-	19.25	0119	ì	Noe <	200	4.	21.7	51	7	5 ()			Т1				T2			T3		
Relinquish	ed by: (Signature	e)	Date		Time	Re	eceived by: (Signa	ture)	Date	<u>~,~</u>	<u> </u>	Time														
]	•						3	-							Ī		AVG	Ten	np °C	<u>5.</u> 9	4_					!
Sample Mat	rix: S - Soi l, Sd - So	olid, Sg - Sluc	dge, A - Aque	ous, O - Other					Con	tainer	Type	: g - g	lass,	p - po	oly/pl											
								de. Hazardous sam							osed o	of at t	he clie	ent ex	pense	. The	report	for th	e analysi	of the ab	ove s	amples is
applicable	only to those sa	mples rece	ived by the	laboratory v	vith this CO	C. The lia	ability of the labor	atory is limited to	the am	ount pa	id for	on th	e rep	ort.												

envirotec

Printed: 4/22/2025 10:13:43AM

Envirotech Analytical Laboratory

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.

					1	
Client:	San Mateo Stebbins Water Management, LLC	Date Received:	04/21/25 07	:30	Work Order ID:	E504166
Phone:	(972) 371-5200	Date Logged In:	04/21/25 08		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/25/25 17	:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location man	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was th	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were a	Il samples received within holding time?	·	Yes			
	Note: Analysis, such as pH which should be conducted in				Comment	s/Resolution
Commis 7	i.e, 15 minute hold time, are not included in this disucssion.	on.		1	Comment	STESOTOTO
	Curn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Client remark- Only rur	if BH07-13 is
	•		103		>100 TPH or 600CL. In	
7 Was a	sample cooler received?		Yes			-
	was cooler received in good condition?		Yes		temperatures listed on C	OC.
•	e sample(s) received intact, i.e., not broken?					
			Yes			
	custody/security seals present?		No			
-	, were custody/security seals intact?		NA			
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample	temperature: 5.4	<u>4°C</u>			
Sample (<u>Container</u>					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers		Yes			
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum info	ormation:	Yes			
	ample ID? late/Time Collected?		Yes			
	ollectors name?		Yes			
Sample I	Preservation_					
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved me	etals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subconti	act Laboratory					
	amples required to get sent to a subcontract laborato	rv?	No			
	subcontract laboratory specified by the client and it	•		Subcontract Lab	: NA	
Client I	estruction					
<u>enene 1</u>	ion uction					

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504222

Job Number: 23003-0002

Received: 4/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/29/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504222

Date Received: 4/23/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/23/2025 8:00:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01-0'	5
SS01-1'	6
QC Summary Data	7
QC - Volatile Organics by EPA 8021B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Γ	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	D d -
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 09:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E504222-01A	Soil	04/21/25	04/23/25	Glass Jar, 2 oz.
SS01-1'	E504222-02A	Soil	04/21/25	04/23/25	Glass Jar, 2 oz.

Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 9:03:38AM

SS01-0'

E504222-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2517064
Benzene	ND	0.0250	1	04/23/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/23/25	
Toluene	ND	0.0250	1	04/23/25	04/23/25	
o-Xylene	ND	0.0250	1	04/23/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/23/25	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2517064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2517060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		86.8 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2517070

Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 9:03:38AM

SS01-1'

E504222-02

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2517064
Benzene	ND	0.0250	1	04/23/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/23/25	
Toluene	ND	0.0250	1	04/23/25	04/23/25	
o-Xylene	ND	0.0250	1	04/23/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/23/25	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2517064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2517060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		86.4 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2517070
		·	·	·	04/23/25	



QC Summary Data

Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/29/2025 9:03:38AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517064-BLK1) Prepared: 04/23/25 Analyzed: 04/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.96 8.00 99.4 70-130 LCS (2517064-BS1) Prepared: 04/23/25 Analyzed: 04/23/25 4.47 89.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.43 0.0250 5.00 88.5 70-130 4.46 0.0250 5.00 89.2 70-130 Toluene 88.2 o-Xylene 4.41 0.0250 5.00 70-130 8.86 10.0 88.6 70-130 0.0500 p.m-Xvlene 88.5 13.3 15.0 70-130 Total Xylenes 0.0250 8.00 97.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.78 Matrix Spike (2517064-MS1) Source: E504221-02 Prepared: 04/23/25 Analyzed: 04/23/25 4.67 0.0250 5.00 ND 93.4 70-130 Benzene 0.0256 92.4 70-130 Ethylbenzene 4.65 0.0250 5.00 Toluene 4.66 0.0250 5.00 ND 93.2 70-130 4.57 ND 91.5 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.26 0.0500 10.0 0.0598 92.0 70-130 0.0250 15.0 0.0598 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.77 8.00 Matrix Spike Dup (2517064-MSD1) Source: E504221-02 Prepared: 04/23/25 Analyzed: 04/23/25

4.71

4.70

471

4.61

9.36

14.0

7.74

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

0.0256

ND

ND

0.0598

0.0598

94.2

93.4

94.2

92.2

93.0

92.7

96.7

70-130

70-130

70-130

70-130

70-130

70-130

70-130

0.907

1.03

1.10

0.719

1.03

0.924

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/29/20259:03:38AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			4/2	9/2025 9:03:38AM
		Analyst: IY							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2517064-BLK1)							Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			
LCS (2517064-BS2)							Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.1	70-130			
Matrix Spike (2517064-MS2) Source: E5						02	4/23/25 Anal	yzed: 04/23/25	
Gasoline Range Organics (C6-C10)	60.6	20.0	50.0	ND	121	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.36		8.00		104	70-130			
Matrix Spike Dup (2517064-MSD2)				Source:	E504221-	02	Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Gasoline Range Organics (C6-C10)	63.5	20.0	50.0	ND	127	70-130	4.64	20	

8.00

7.87

98.4

70-130



QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/29/20259:03:38AM

Dallas 171, 732 10									
	Nonha		Analyst: KH						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517060-BLK1)							Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.6		50.0		81.2	61-141			
LCS (2517060-BS1)							Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	213	25.0	250		85.4	66-144			
Surrogate: n-Nonane	41.8		50.0		83.5	61-141			
Matrix Spike (2517060-MS1)				Source:	E504225-0	01	Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.4	56-156			
Surrogate: n-Nonane	44.4		50.0		88.8	61-141			
Matrix Spike Dup (2517060-MSD1)				Source:	E504225-0	01	Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.8	56-156	0.634	20	
Surrogate: n-Nonane	43.9		50.0		87.9	61-141			

Chloride

Chloride

Matrix Spike Dup (2517070-MSD1)

QC Summary Data

San Mateo Stebbins Water Manage 5400 LBJ Freeway, Suite 1500	ment, LLC	Project Name: Project Number	Shinnery Oak S 23003-0002	WD #001			Reported:						
Dallas TX, 75240		Project Manager		Ashley Gioveng	go			•	4/29/2025 9:03:38AM				
Anions by EPA 300.0/9056A													
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes				
Blank (2517070-BLK1)							Prepared: 0	4/23/25 Ar	nalyzed: 04/23/25				
Chloride	ND	20.0											
LCS (2517070-BS1)							Prepared: 0	4/23/25 Ar	nalyzed: 04/23/25				
Chloride	260	20.0	250		104	90-110							
Matrix Spike (2517070-MS1)			Source:	E504222-	02	Prepared: 04/23/25 Analyzed: 04/23/25							

250

250

20.0

20.0

ND

ND

104

105

Source: E504222-02

80-120

80-120

0.694

Prepared: 04/23/25 Analyzed: 04/23/25

20

261

263

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

l	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 09:03

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Released to Imaging: 8/19/2025 4:15:43 PM

Page	of
TX	ecerved by
RCRA	JCD: 8/14/2025
or N	4/2025
	10:10

	Clie	nt Inform	ation			Invoice I	nformation		T	Lab Use Only							TAT State				•		
	an Mateo		Company: Ensolum LLC Lab WO# Job Number								ber	$\overline{}$	1D	2D	3D S	Std	NM CO UT	ТХ					
Project: Shinnery Oak SWD #001 Address: 3122 National Parks Hw									_	<u> 5</u>	<u>84</u>	22	الم	230	<u> </u>	<u>w</u>	2)		x	
	lanager: Asl					City, State, Zip: Carlsbad NM, 88220																504.0	
	3122 Nation					Phone: 575-988-00				ŀ				Ana	ysis	and	Met	noa			-	SDWA CWA	RCRA
	e, Zip: Carls 575-988-005		88220		_	Email: agiovengo@ Miscellaneous:	<u>vensolum.com</u>		—-			-				-			i		ŀ	SDVA CVVA	RCRA
	giovengo@e		om	·		iviiscellaneous:					اير	.								l	ŀ	Compliance Y	or N
_					==					ı	801	8015	_		o.	_	ا يا	s	ĺ		ŀ	PWSID#	
				Samı	ole Inform	nation				╗	ğ	ő	805	8260	900 a	Σ.	7-30	Meta		- 1	Ī		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field Filter	Lab Numb		DRO/ORO by 8015	GRO/DRO by	8TEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
1119	4/21/25	5	l			5 SO1 - 0'			1							X						2.3	
	4/21/25	5	1			<u>5501-0'</u> 5501-1'			2							χ						2.4	
																i							
					-																		
							<u> </u>	<u> </u>														,	
								\vdash		\dashv													
Addition	al Instructio	ncı Dlo	oso CC: ch	Lurton@o	ncolum e	om, agiovengo@ense	olum com, cha	milto		solu		om i	octr	olla@)one	oule		a he	Ll		One	olum com	
						to@ensolum.com	bium.com, cna		iiweii.	3010		O111, 1	ESLI	cuae	/C113	ouiii	1.001	11, 103		سادااان	CIIS	olam.com,	
						re that tampering with or inte	ntionally mislabeling	the sar	mple loca	ation,	date	or time	of co	lection	is co	rsidere	d frau	d and	may be	ground	ds for	legal action.	
Sampled by:																							
Relinquished by: (Signature) Date Time Rec 4/22/25 08!00					Received by: (Signate)	Lech	Date 4	1215	5 DEN			٥	sampl			imples requiring thermal preservation must be received on ice the day they are mipled or received packed in ice at an avg temp above 0 but less than 6 °C on the property of the control o							
Will		<u> </u>	Date 4-	12-25	Time 16 3c	Received by: Signa	У	Date U.	11.1		Time	2 00			Lab Use Only Received on ice: (Y) N				•				
Relinquish	ed by: Signatur	re)	Date	12.75	Time 24	Received by: (Signator)	ture)	Date 띡.	23-2	5	Time	300	ງ _			<u>T1</u>			_	<u>T2</u>		<u>T3</u>	
Relinquish	ed by: (Signatur	re)	Date		Time	Received by: (Signat	ture)	Date		ľ	Time					AVG	Tem	np °C	·				
	rix: S - Soil, Sd - S					·			tainer							c, ag	amb	er gl	ass, v				
						other arrangements are m											e clien	t exp	ense. `	The re	port 1	for the analysis of the	above

envirotechia envirotechia

Printed: 4/23/2025 9:51:18AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

 $\underline{\textbf{If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.}$

Client:	San Mateo Stebbins Water Management, LLC	Date Received:	04/23/25 (08:00		Work Order ID:	E504222
Phone:	(972) 371-5200	Date Logged In:	04/22/25 1	14:49		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/29/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	carrier. <u>c</u>	<u> </u>		
	Il samples received within holding time?	·	Yes				
	Note: Analysis, such as pH which should be conducted it.e, 15 minute hold time, are not included in this disucssi					Comment	s/Resolution
	<u> </u>				Individual	gampla tamp	araturas listad an
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		l	sample temp	eratures listed on
Sample C			3.7		COC		
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
· ·	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C	, <u>*</u>	1					
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contai	ners collected?	Yes				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	•			
	reservation		Yes				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	reserveu.	NA				
	filtration required and/or requested for dissolved m	etals?	No				
	se Sample Matrix		1.0				
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		yzeu.	INA				
	act Laboratory	0	3.7				
	amples required to get sent to a subcontract laborate	•	No	61 4 11	374		
	subcontract laboratory specified by the client and i	i so who?	NA	Subcontract Lab): NA		
Client Ir	<u>nstruction</u>						
							0

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504223

Job Number: 23003-0002

Received: 4/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/29/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504223

Date Received: 4/23/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/23/2025 8:00:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS02-0'	5
SS02-1'	6
QC Summary Data	7
QC - Volatile Organics by EPA 8021B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Danautada
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 09:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02-0'	E504223-01A	Soil	04/21/25	04/23/25	Glass Jar, 2 oz.
SS02-1'	E504223-02A	Soil	04/21/25	04/23/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 9:02:06AM

SS02-0'

E504223-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2517064
Benzene	ND	0.0250	1	04/23/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/23/25	
Toluene	ND	0.0250	1	04/23/25	04/23/25	
o-Xylene	ND	0.0250	1	04/23/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/23/25	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2517064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2517060
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		87.8 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2517070
Allions by EFA 300.0/9030A						

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 9:02:06AM

SS02-1'

E50	4223	5-()2

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2517064
ND	0.0250	1	04/23/25	04/23/25	
ND	0.0250	1	04/23/25	04/23/25	
ND	0.0250	1	04/23/25	04/23/25	
ND	0.0250	1	04/23/25	04/23/25	
ND	0.0500	1	04/23/25	04/23/25	
ND	0.0250	1	04/23/25	04/23/25	
	99.0 %	70-130	04/23/25	04/23/25	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2517064
ND	20.0	1	04/23/25	04/23/25	
	98.8 %	70-130	04/23/25	04/23/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2517060
ND	25.0	1	04/23/25	04/23/25	
ND ND	25.0 50.0	1 1	04/23/25 04/23/25	04/23/25 04/23/25	
		61-141			
	50.0	61-141	04/23/25	04/23/25	Batch: 2517070
	mg/kg ND ND ND ND ND ND ND ND ND N	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 98.8 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 99.0 % 70-130 mg/kg mg/kg Ana ND 20.0 1 98.8 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0500 1 04/23/25 ND 0.0250 1 04/23/25 MD 0.0250 1 04/23/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/23/25 98.8 % 70-130 04/23/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 04/23/25 ND 0.0500 1 04/23/25 04/23/25 ND 0.0250 1 04/23/25 04/23/25 99.0 % 70-130 04/23/25 04/23/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/23/25 04/23/25 98.8 % 70-130 04/23/25 04/23/25



QC Summary Data

Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/29/2025 9:02:06AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517064-BLK1) Prepared: 04/23/25 Analyzed: 04/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.96 8.00 99.4 70-130 LCS (2517064-BS1) Prepared: 04/23/25 Analyzed: 04/23/25 4.47 89.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.43 0.0250 5.00 88.5 70-130 4.46 0.0250 5.00 89.2 70-130 Toluene 88.2 o-Xylene 4.41 0.0250 5.00 70-130 8.86 10.0 88.6 70-130 0.0500 p.m-Xvlene 88.5 13.3 15.0 70-130 Total Xylenes 0.0250 8.00 97.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.78 Matrix Spike (2517064-MS1) Source: E504221-02 Prepared: 04/23/25 Analyzed: 04/23/25 4.67 0.0250 5.00 ND 93.4 70-130 Benzene 0.0256 92.4 70-130 Ethylbenzene 4.65 0.0250 5.00 Toluene 4.66 0.0250 5.00 ND 93.2 70-130 4.57 ND 91.5 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.26 0.0500 10.0 0.0598 92.0 70-130 0.0250 15.0 0.0598 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.77 8.00 Matrix Spike Dup (2517064-MSD1) Source: E504221-02 Prepared: 04/23/25 Analyzed: 04/23/25 4.71 0.0250 5.00 ND 94.2 70-130 0.907 27 0.0256 70-130 1.03 4.70 0.0250 5.00 93.4 26 Ethylbenzene Toluene 471 0.0250 5.00 ND 94.2 70-130 1.10 20 4.61 5.00 ND 92.2 70-130 0.719 25 o-Xylene 0.0250

0.0598

0.0598

93.0

92.7

96.7

70-130

70-130

70-130

10.0

15.0

8.00

0.0500

0.0250

9.36

14.0

7.74



23

26

1.03

0.924

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240		Project Manage	r: As	hley Gioveng	go			4/29	9/2025 9:02:06AM		
	Non	onhalogenated Organics by EPA 8015D - GRO							Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2517064-BLK1)							Prepared: 0	4/23/25 Analy	zed: 04/23/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130					
LCS (2517064-BS2)							Prepared: 0	4/23/25 Analy	zed: 04/23/25		
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.1	70-130					
Matrix Spike (2517064-MS2)				Source:	E504221-	02	Prepared: 0	4/23/25 Analy	zed: 04/23/25		
Gasoline Range Organics (C6-C10)	60.6	20.0	50.0	ND	121	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.36		8.00		104	70-130					
Matrix Spike Dup (2517064-MSD2)				Source:	E504221-	02	Prepared: 0	4/23/25 Analy	zed: 04/23/25		
Gasoline Range Organics (C6-C10)	63.5	20.0	50.0	ND	127	70-130	4.64	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130					

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/29/20259:02:06AM

Bullus 171, 732 10		Troject Manage		iney Groveng	50				
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517060-BLK1)							Prepared: 0-	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.6		50.0		81.2	61-141			
LCS (2517060-BS1)							Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	213	25.0	250		85.4	66-144			
Surrogate: n-Nonane	41.8		50.0		83.5	61-141			
Matrix Spike (2517060-MS1)				Source:	E504225-0	01	Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.4	56-156			
Surrogate: n-Nonane	44.4		50.0		88.8	61-141			
Matrix Spike Dup (2517060-MSD1)				Source:	E504225-0	01	Prepared: 0	4/23/25 Anal	yzed: 04/23/25
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.8	56-156	0.634	20	
Surrogate: n-Nonane	43.9		50.0		87.9	61-141			

QC Summary Data

San Mateo Stebbins Water Management, LLC 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002							Reported: 4/29/2025 9:02:06AM
	Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte Resu	Reporting lt Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/k	g mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	4/23/25 An	nalyzed: 04/23/25
ND	20.0							
						Prepared: 0	4/23/25 An	nalyzed: 04/23/25
260	20.0	250		104	90-110			
			Source:	E504222-	02	Prepared: 0	4/23/25 An	nalyzed: 04/23/25
261	20.0	250	ND	104	80-120			
			Source:	E504222-	02	Prepared: 0	4/23/25 An	nalyzed: 04/23/25
263	20.0	250	ND	105	80-120	0.694	20	
	MD 260 261	MD 20.0 ND 20.0 260 20.0 261 20.0	Mg/kg mg/kg mg/kg ND 20.0 260 20.0 250 261 20.0 250	Mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg MD Source:	mg/kg mg/kg mg/kg mg/kg % ND 20.0 260 20.0 250 104 Source: E504222- 261 20.0 250 ND 104 Source: E504222-	MD 20.0 ND 20.0 250 104 90-110	mg/kg mg/kg mg/kg mg/kg % % % % % Prepared: 0	Mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % %

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

l	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 09:02

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Chain	of	Custody	

Released to Imaging: 8/19/2025 4:15:43 PM

	Clier	nt Inform	nation			1	Invoice Informati	ion				La	b Us	e On	ly				TA	AT .		State	
Client: Sa	an Mateo					Con	npany: Ensolum LLC			Lab \	WO#			Job N				1D	2D	3D	Std	NM CO UT	TX
Project: !	Shinnery Oal	k SWD #0)01				dress: 3122 National Parks			<u> </u>	<u>Ω</u> C	122	<u>.3</u>	23 0	<u> 20</u>	<u>·œ</u>	<u> </u>			[]	X	X	
	lanager: Ash				_		, State, Zip: Carlsbad NM,	<u>, 88220</u>	—	_ ,				•			8.0 - 61					FDA December	
	3122 Nation	_			\dashv		ne: 575-988-0055			—				Anai	iysis	and	Meti	noa	_		\dashv	EPA Program	RCRA
<u>City, State, Zip: Carlsbad NM, 88220</u> Phone: 575-988-0055			\dashv		ail: agiovengo@ensolum	n.com		- ┤		1 1	1 1	i l		- 1					-	SDVA CVA	- NCNA		
	ziovengo@er		.om		 .	IVIISC	cellaneous:							i 1			ĺ	.			ŀ	Compliance Y	or N
Liliali. ap	iovengowei	<u>isolulli.c</u>	<u> </u>			ш					801	8015		1 1	۰	- 1		<u>.</u>			1	PWSID#	
-				Samı	ple Info	rmatio	n .				Ŏ Ų	9 9	80	8260	300	N.	. S	Meta					
Time Sampled	Date Sampled	Matrix	No. of Containers				Sample ID	Fleat	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
0952	4/21/25	5				SS	02-0°			_						X						3.3	
	4/21/25	5	١			SSC	02-0'			2						Х			_			3.1	
									\exists														
									\top														
						-			\top					H									
				 					+		-	\vdash	一	H						Н			
				 			-		+		┢	\vdash	\vdash	H			-						
	<u> </u>	<u> </u>	<u> </u>	<u> </u>						2	<u> </u>		<u> </u>				ليا		<u> </u>				
							agiovengo@ensolum.com	n, cham	ilton	@enson	um.c	:Om,	lestr	enae	vens	Ouiri	I.CUII	N, 105	Ш	Onse	Pens	otum.com,	1
							ensolum.com t tampering with or intentionally mis	slabeling th	e sam	ple location	, date	or tim	e of co	llection	ı is coı	nsidere	d frau	d and	may b	e grour	nds for	r legal action.	
Sampled by:																							
Relinquishe	ed by: (Signatur	re)	Date		Time		Received by: (Signature)		Date	. 15	Time	δW						_				ust be received on ice the day t g temp above 0 but less than 6	
				22/25	08:0		middle curt	<u></u>	<u> イン</u>	4-45		80X	<u>ر</u>	1			ment di		packe				
Wid		yh		22.25	Time 163	30	Received by: (Signature)			22.25		170	<u> </u>			Rece	eived	i on i	ice:	_)/ N	se Only I	
Relinguishe	ed by: Signatur	re) 0	Date	.22.25	Time 2	400	Received by: (Signature)	(3.25		<u> 300</u>	<u>5</u>			<u>T1</u>				<u>T2</u>		ТЗ	
Belinquishe	ed by: (Signatur	re)	Date		Time	-	Received by: (Signature)		Date		Time						Tem	_•					
Sample Mat	rix: S - Soil, Sd - S	olid, S g - Slu	dge, A - Aque	≥ous, O - Othe	er					ainer Typi													
							arrangements are made. Hazard										e clien	ıt exp	ense.	The re	eport	for the analysis of the a	bove



envirotec

Printed: 4/23/2025 9:52:02AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

 $\underline{\textbf{If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.}$

Client:	San Mateo Stebbins Water Management, LLC	Date Received:	04/23/25 (08:00	,	Work Order ID:	E504223
Phone:	(972) 371-5200	Date Logged In:	04/22/25 1	14:52		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/29/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	Custody (COC) the sample ID match the COC?		Yes				
	he number of samples per sampling site location ma	tch the COC					
	amples dropped off by client or carrier?	ion the coc	Yes Yes	Ci C	7		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier: C	<u>courier</u>		
	Il samples received within holding time?	stea analyses.	Yes				
3. Word a	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		103			Comment	s/Resolution
	<u> [urn Around Time (TAT)</u>				Too dissi day of so	1_	
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			ampie temp	eratures listed on
Sample (COC		
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
9. Was th	e 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				
	te sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples at minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample (Container						
	queous VOC samples present?		No				
15. Are V	OC 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 n	on-VOC samples collected in the correct containers	?	Yes				
19. Is the	appropriate volume/weight or number of sample contai	ners collected?	Yes				
Field Lal	<u>bel</u>						
	field sample labels filled out with the minimum infe	ormation:					
	ample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes	•			
	Preservation		Yes				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	reserved.	NA				
	filtration required and/or requested for dissolved m	etals?	No				
	ase Sample Matrix		1.0				
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		,200.	INA				
	act Laboratory	0	3.7				
	amples required to get sent to a subcontract laborate	•	No	G 1	3.7.4		
	a subcontract laboratory specified by the client and i	i so wno?	NA	Subcontract Lab): NA		
Client I	<u>nstruction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504230

Job Number: 23003-0002

Received: 4/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/29/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504230

Date Received: 4/23/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/23/2025 8:00:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH12-15'	5
BH12-20'	6
BH12-25'	7
BH12-30'	8
BH12-35'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Danautada	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 08:53	

Client Sample ID	Lab Sample ID Matrix	Sampled Re	eceived Container	
BH12-15'	E504230-01A Soil	04/21/25 04	/23/25 Glass Jar, 2	oz.
BH12-20'	E504230-02A Soil	04/21/25 04	/23/25 Glass Jar, 2	oz.
BH12-25'	E504230-03A Soil	04/21/25 04	/23/25 Glass Jar, 2	oz.
BH12-30'	E504230-04A Soil	04/21/25 04	/23/25 Glass Jar, 2	oz.
BH12-35'	E504230-05A Soil	04/21/25 04	/23/25 Glass Jar. 2	OZ.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 8:53:09AM

BH12-15' E504230-01

	E304230-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2517066
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0500	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
	100 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2517066
ND	20.0	1	04/23/25	04/24/25	
	96.5 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Analy	yst: HM		Batch: 2517062
ND	25.0	1	04/23/25	04/23/25	
ND	50.0	1	04/23/25	04/23/25	
	100 %	61-141	04/23/25	04/23/25	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2517073
2710	40.0	2	04/23/25	04/23/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I00 % mg/kg mg/kg mg/kg ND 20.0 96.5 % mg/kg ND 25.0 ND 50.0 100 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 96.5 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 100 % 61-141 1 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: IY ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0500 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 mg/kg Malyst: IY ND 04/23/25 mg/kg Malyst: IY ND 20.0 1 04/23/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 mg/kg Malyst: HM ND 30/423/25 Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 ND 0.0500 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 MD 0.0250 1 04/23/25 04/24/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/23/25 04/24/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/23/25 04/23/25 ND 50.0 1 04/23/25 04/23/25 04/23/25 ND 50.0 1 04/23/25 04/23/25 ND 50.0 1 04/23/25 <t< td=""></t<>

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 8:53:09AM

BH12-20' E504230-02

		1304230 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2517066
Benzene	ND	0.0250	1	04/23/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/24/25	
Toluene	ND	0.0250	1	04/23/25	04/24/25	
p-Xylene	ND	0.0250	1	04/23/25	04/24/25	
o,m-Xylene	ND	0.0500	1	04/23/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		100 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2517073
Chloride	2820	40.0	2	04/23/25	04/23/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 8:53:09AM

BH12-25' E504230-03

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2517066
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0500	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
	96.8 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2517066
ND	20.0	1	04/23/25	04/24/25	
	96.1 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2517062
ND	25.0	1	04/23/25	04/23/25	
ND	50.0	1	04/23/25	04/23/25	
	100 %	61-141	04/23/25	04/23/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2517073
3080	40.0	2	04/23/25	04/23/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 96.8 % mg/kg MD 20.0 96.1 % mg/kg ND 25.0 ND 50.0 100 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Analy ND 20.0 1 MB/kg mg/kg Analy ND 25.0 1 ND 50.0 1 100 % 61-141 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0500 1 04/23/25 ND 0.0250 1 04/23/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/23/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 mg/kg Mg/kg Analyst: HM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 04/24/25 ND 0.0500 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 MD 0.0250 1 04/23/25 04/24/25 mg/kg mg/kg Analyst: IY MD 04/24/25 mg/kg mg/kg Analyst: HM Analyst: HM ND 25.0 1 04/23/25 04/23/25 ND 25.0 1 04/23/25 04/23/25 ND 50.0 1 04/23/25 04/23/25 ND 50.0 1 04/23/25 04/23/25 ND 50.0 1



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 8:53:09AM

BH12-30' E504230-04

		E304230-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Anal	lyst: IY		Batch: 2517066
Benzene	mg/kg ND	0.0250	1	04/23/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/24/25	
Toluene	ND	0.0250	1	04/23/25	04/24/25	
o-Xylene	ND	0.0250	1	04/23/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg mg/kg		lyst: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		99.8 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2517073
Chloride	2660	40.0	2	04/23/25	04/23/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 8:53:09AM

BH12-35' E504230-05

		130-1250-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2517066
Benzene	ND	0.0250	1	04/23/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/23/25	
Toluene	ND	0.0250	1	04/23/25	04/23/25	
o-Xylene	ND	0.0250	1	04/23/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/23/25	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	04/23/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		102 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2517073
Chloride	2340	40.0	2	04/23/25	04/23/25	

QC Summary Data

Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/29/2025 8:53:09AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517066-BLK1) Prepared: 04/23/25 Analyzed: 04/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 7.52 8.00 94.0 70-130 LCS (2517066-BS1) Prepared: 04/23/25 Analyzed: 04/23/25 4.16 83.2 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.13 0.0250 5.00 82.7 70-130 4.17 0.0250 5.00 83.5 70-130 Toluene o-Xylene 4.13 0.0250 5.00 82.6 70-130 8.28 10.0 82.8 70-130 0.0500 p.m-Xvlene 82.8 12.4 15.0 70-130 Total Xylenes 0.0250 8.00 98.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.86 Matrix Spike (2517066-MS1) Source: E504230-05 Prepared: 04/23/25 Analyzed: 04/23/25 4.47 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 4.43 0.0250 5.00 88.6 Toluene 4.47 0.0250 5.00 ND 89.4 70-130 4.40 ND 88.1 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.86 0.0500 10.0 ND 88.6 70-130 13.3 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.77 8.00 Matrix Spike Dup (2517066-MSD1) Source: E504230-05 Prepared: 04/23/25 Analyzed: 04/23/25 3.97 0.0250 5.00 ND 79.5 70-130 11.8 27

3.95

3 97

3.92

7.90

11.8

7.73

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

78.9

79.5

78.4

79.0

78.8

96.7

70-130

70-130

70-130

70-130

70-130

70-130

11.6

11.8

11.7

11.5

11.5

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

7.59

QC Summary Data

San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001

Reported:

5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240
Project Manager: Ashley Giovengo
4/29/2025 8:53:09AM

Dallas TX, 75240		Project Manage	r: As	shley Gioven	go				4/29/2025 8:53:09AN
	Nor	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517066-BLK1)							Prepared: 0	4/23/25 A	Analyzed: 04/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			
LCS (2517066-BS2)							Prepared: 0	4/23/25 A	Analyzed: 04/23/25
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			
Matrix Spike (2517066-MS2)				Source:	E504230-	05	Prepared: 0	4/23/25 A	Analyzed: 04/23/25
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			
Matrix Spike Dup (2517066-MSD2)				Source:	E504230-	05	Prepared: 0	4/23/25 A	Analyzed: 04/24/25
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130	11.3	20	

94.9

70-130

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/29/20258:53:09AM

,		, ,		, ,	-				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517062-BLK1)							Prepared: 0	4/23/25 An	alyzed: 04/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	61-141			
LCS (2517062-BS1)							Prepared: 0	4/23/25 An	alyzed: 04/23/25
Diesel Range Organics (C10-C28)	221	25.0	250		88.2	66-144			
Surrogate: n-Nonane	49.1		50.0		98.1	61-141			
Matrix Spike (2517062-MS1)				Source:	E504230-	04	Prepared: 0	4/23/25 An	alyzed: 04/23/25
Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.9	56-156			
Surrogate: n-Nonane	50.9		50.0		102	61-141			
Matrix Spike Dup (2517062-MSD1)				Source:	E504230-0	04	Prepared: 0	4/23/25 An	alyzed: 04/23/25
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.8	56-156	2.32	20	
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			

Chloride

QC Summary Data

San Mateo Stebbins Water Manageme 5400 LBJ Freeway, Suite 1500	nt, LLC	Project Name: Project Number:		Shinnery Oak S 3003-0002	WD #001				Reported:		
Dallas TX, 75240		Project Manager	:: A	Ashley Gioveng	go				4/29/2025 8:53:09AM		
Anions by EPA 300.0/9056A											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2517073-BLK1)							Prepared: 0	4/23/25 <i>A</i>	Analyzed: 04/23/25		
Chloride	ND	20.0									
LCS (2517073-BS1)							Prepared: 0	4/23/25 A	Analyzed: 04/23/25		
Chloride	255	20.0	250		102	90-110					
Matrix Spike (2517073-MS1)				Source:	E504230-0	03	Prepared: 0	4/23/25 A	Analyzed: 04/23/25		
Chloride	3110	40.0	250	3080	15.0	80-120			M4		
Matrix Spike Dup (2517073-MSD1)				Source:	E504230-0	03	Prepared: 0	4/23/25 A	Analyzed: 04/23/25		

250

40.0

3080

8.75

80-120

0.504

20

3100

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

I	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
I	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 08:53

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.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Released to Imaging: 8/19/2025 4:15:43 PM

						in of Cust	,						_					
	Clien an Mateo Shinnery Oa	nt Inform			Invoice Information Company: Ensolum LLC Address: 3122 National Part		L	Lab WO# Job Number 1504230 2363 • C					oer	r 1D 2D 3D Std				State M CO UT TX
Project N Address:	Manager: As 3122 Nation e, Zip: Carls	hley Giov nal Parks	engo Hwy	City, State, Zip: Carlsbar Phone: 575-988-0055		tate, Zip: Carlsbad NM, 88220							and N		od		SDW	EPA Program A CWA RCRA
	575-988-005 giovengo@e		om		Aiscellaneous:			y 8015	y 8015	1		0.0	_	×	sls		Compl	
				Sample Inform	ation			2 §	RO by	34 802	y 8260	900			8 Met			Domonles
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lat Numl	per D	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks
1354 1383 CH	4/7//75	5	1	,	3H12 - 15'		1						У				3.2	<u>, </u>
1421)	5	1		1412-201		2						У				4.1	
1448		۷.	١		4/2-251		3						У				4.9	
1517		5	1		H12-30'		4						Х				4.9	5
	1	5	1		34/2-35'		5						X				3.0	
<u>1551</u>			<u> </u>		10/16 J3									1				
			-			-			\vdash									
													\dashv		1		-	
													\dashv	\dashv	-		<u> </u>	
														\dashv	_			
	al Instructio	nc: Dlo	aso CC: st	urton@oncolum.co	m, agiovengo@ensolum.co	m chamilte	n@an	solum		iostr	olla <i>6</i>	Dans	oulm		heir	nmons@e	ensolum /	com
gonzale	z@ensolum.	com, bm	oir@ense	lum.com, oaderint	@ensolum.com													
	pier), attest to the :Chad Ham		authenticity	or this sample. I am aware	that tampering with or intentionally m	islabeling the sa	mpie ioc	ation, date	or time	e or co	nection	i is con	sidered	IIIauu	i anu m	sy be ground	s for legal act	ion.
Relinquish	ed by: (Signatu	el	Date	Z165 08:00	Received by: (Signature)	Date 4	-12-2	5 Time	300)				or rec	eived pa			elved on ice the day they are ove 0 but less than 6 °C on
Mic	ed by: (Signatur	yh-	Date	1630 June	Receiped by: (bignature)	Date	12.	Time	17	00			Recei			_	Use Only N	,
Sal	ed by: (Signatur	,	U Date	12.75 24	ا آمما اها	y. Date	<u> 23.2</u>	5 O	30c	<u> </u>			<u>T1</u>		0-	<u>T2</u>	· · · · ·	<u></u>
					1								AVG			s, v - VOA		



nt expense. The report for the analysis of the above

envirotech Inc.

Printed: 4/23/2025 10:00:54AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	04/23/25 08	8:00	W	/ork Order ID:	E504230
Phone:	(972) 371-5200	Date Logged In:	04/22/25 15	5:30	L	ogged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/29/25 17	7:00 (4 day TAT)			
Chain o	f Custody (COC)						
1. Does 1	the sample ID match the COC?		Yes				
2. Does 1	the number of samples per sampling site location ma	tch the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>		
4. Was th	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes			Comment	s/Resolution
Sample '	Turn Around Time (TAT)				T 1' ' 1 1	1 .	. 11 . 1
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			imple temp	eratures listed on
Sample					COC		
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples arminutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample	Container						
	aqueous VOC samples present?		No				
15. Are	VOC samples collected in VOA Vials?		NA				
16. Is the	e 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 1	non-VOC samples collected in the correct containers	3?	Yes				
19. Is the	appropriate volume/weight or number of sample contain	iners collected?	Yes				
Field La	<u>bel</u>						
	field sample labels filled out with the minimum inf	ormation:					
	Sample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes	-			
	Preservation		Yes				
	the COC or field labels indicate the samples were p	reserved?	No				
	sample(s) correctly preserved?		NA				
	o filtration required and/or requested for dissolved m	etals?	No				
	ase Sample Matrix		-				
	the sample have more than one phase, i.e., multipha	ise?	No				
	s, does the COC specify which phase(s) is to be anal		NA				
		<i>y</i> 200.	INA				
	ract Laboratory	0	3.7				
	samples required to get sent to a subcontract laborate	•	No	0 1 · · · · · · · · · · · · · · · · · ·	27.4		
29. was	a subcontract laboratory specified by the client and i	ii so wno?	NA S	Subcontract Lab): NA		
Client I	<u>nstruction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504231

Job Number: 23003-0002

Received: 4/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/29/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504231

Date Received: 4/23/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/23/2025 8:00:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH11-15'	5
BH11-20'	6
BH11-25'	7
BH11-30'	8
BH11-35'	9
BH11-40'	10
BH11-47.5'	11
QC Summary Data	12
QC - Volatile Organics by EPA 8021B	12
QC - Nonhalogenated Organics by EPA 8015D - GRO	13
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	14
QC - Anions by EPA 300.0/9056A	15
Definitions and Notes	16
Chain of Custody etc.	17

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 12:02

Client Sample ID	Lab Sample ID Matr	ix Sampled	Received	Container
BH11-15'	E504231-01A Soil	04/21/25	04/23/25	Glass Jar, 2 oz.
BH11-20'	E504231-02A Soi	04/21/25	04/23/25	Glass Jar, 2 oz.
BH11-25'	E504231-03A Soil	04/21/25	04/23/25	Glass Jar, 2 oz.
BH11-30'	E504231-04A Soi	04/21/25	04/23/25	Glass Jar, 2 oz.
BH11-35'	E504231-05A Soil	04/21/25	04/23/25	Glass Jar, 2 oz.
BH11-40'	E504231-06A Soil	04/21/25	04/23/25	Glass Jar, 2 oz.
BH11-47.5'	E504231-07A Soil	04/21/25	04/23/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM

BH11-15' E504231-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2517066
Benzene	ND	0.0250	1	04/23/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/24/25	
Toluene	ND	0.0250	1	04/23/25	04/24/25	
o-Xylene	ND	0.0250	1	04/23/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		101 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2517072
Chloride	2360	40.0	2	04/23/25	04/24/25	

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM

BH11-20' E504231-02

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2517066
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0500	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
	102 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2517066
ND	20.0	1	04/23/25	04/24/25	
	96.5 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Analy	yst: HM		Batch: 2517062
ND	25.0	1	04/23/25	04/23/25	
ND	50.0	1	04/23/25	04/23/25	
	101 %	61-141	04/23/25	04/23/25	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2517072
2480	40.0	2	04/23/25	04/24/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID2 % mg/kg mg/kg mg/kg ND 20.0 96.5 % mg/kg ND 25.0 ND 50.0 101 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 IO2 % 70-130 mg/kg mg/kg Analy ND 20.0 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 101 % 61-141 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0500 1 04/23/25 ND 0.0250 1 04/23/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/23/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 Mg/kg Mg/kg Analyst: HM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 04/24/25 ND 0.0500 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 MD 0.0250 1 04/23/25 04/24/25 mg/kg mg/kg Analyst: IY 04/23/25 04/24/25 mg/kg mg/kg Analyst: HM 04/23/25 04/24/25 mg/kg mg/kg Analyst: HM 04/23/25 04/23/25 ND 25.0 1 04/23/25 04/23/25 ND 50.0 1 04/23/25 04/23/25 ND 50.0 1 04/23/25 04/23/25 Mg/kg



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM

BH11-25' E504231-03

		1304251 05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2517066
Benzene	ND	0.0250	1	04/23/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/24/25	
oluene	ND	0.0250	1	04/23/25	04/24/25	
-Xylene	ND	0.0250	1	04/23/25	04/24/25	
,m-Xylene	ND	0.0500	1	04/23/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/23/25	
Surrogate: n-Nonane		98.8 %	61-141	04/23/25	04/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2517072
Chloride	2280	40.0	2	04/23/25	04/24/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM

BH11-30' E504231-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2517066
Benzene	ND	0.0250	1	04/23/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/24/25	
Toluene	ND	0.0250	1	04/23/25	04/24/25	
o-Xylene	ND	0.0250	1	04/23/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/28/25	
Surrogate: n-Nonane		98.7 %	61-141	04/23/25	04/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2517072
Chloride	2350	40.0	2	04/23/25	04/24/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM

BH11-35' E504231-05

	E304251 03				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2517066
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
ND	0.0500	1	04/23/25	04/24/25	
ND	0.0250	1	04/23/25	04/24/25	
	102 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2517066
ND	20.0	1	04/23/25	04/24/25	
	94.7 %	70-130	04/23/25	04/24/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2517062
ND	25.0	1	04/23/25	04/28/25	
ND	50.0	1	04/23/25	04/28/25	
	99.0 %	61-141	04/23/25	04/28/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2517072
1770	20.0	1	04/23/25	04/24/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO2 % mg/kg mg/kg mg/kg ND 20.0 94.7 % mg/kg ND 25.0 ND 50.0 99.0 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 94.7 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 99.0 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0250 1 04/23/25 ND 0.0500 1 04/23/25 ND 0.0250 1 04/23/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/23/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 ND 50.0 1 04/23/25 MD 50.0 1 04/23/25 mg/kg Mg/kg Analyst: HM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/23/25 04/24/25 ND 0.0500 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 ND 0.0250 1 04/23/25 04/24/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/23/25 04/24/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/23/25 04/28/25 ND 25.0 1 04/23/25 04/28/25 ND 50.0 1 04/23/25 04/28/25 ND 50.0 1 04/23/25 04/28/25 <td< td=""></td<>



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM

BH11-40' E504231-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Anal	yst: IY		Batch: 2517066
Benzene	ND	0.0250	1	04/23/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/24/25	
Toluene	ND	0.0250	1	04/23/25	04/24/25	
o-Xylene	ND	0.0250	1	04/23/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/28/25	
Surrogate: n-Nonane		99.1 %	61-141	04/23/25	04/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2517072
Chloride	1500	20.0	1	04/23/25	04/24/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM

BH11-47.5' E504231-07

		E504251-07				
Analyta	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	rrepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2517066
Benzene	ND	0.0250	1	04/23/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/23/25	04/24/25	
Toluene	ND	0.0250	1	04/23/25	04/24/25	
o-Xylene	ND	0.0250	1	04/23/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/23/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/23/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2517066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/23/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	04/23/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2517062
Diesel Range Organics (C10-C28)	ND	25.0	1	04/23/25	04/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/23/25	04/28/25	
Surrogate: n-Nonane		98.2 %	61-141	04/23/25	04/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2517072
Chloride	1210	20.0	1	04/23/25	04/24/25	



Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/29/2025 12:02:06PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517066-BLK1) Prepared: 04/23/25 Analyzed: 04/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 7.52 8.00 94.0 70-130 LCS (2517066-BS1) Prepared: 04/23/25 Analyzed: 04/23/25 4.16 83.2 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.13 0.0250 5.00 82.7 70-130 4.17 0.0250 5.00 83.5 70-130 Toluene o-Xylene 4.13 0.0250 5.00 82.6 70-130 8.28 10.0 82.8 70-130 0.0500 p.m-Xvlene 82.8 12.4 15.0 70-130 Total Xylenes 0.0250 8.00 98.2 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.86 Matrix Spike (2517066-MS1) Source: E504230-05 Prepared: 04/23/25 Analyzed: 04/23/25 4.47 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 4.43 0.0250 5.00 88.6 Toluene 4.47 0.0250 5.00 ND 89.4 70-130 ND 88.1 70-130 4.40 5.00 0.0250 o-Xylene p,m-Xylene 8.86 0.0500 10.0 ND 88.6 70-130 13.3 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.77 8.00 Matrix Spike Dup (2517066-MSD1) Source: E504230-05 Prepared: 04/23/25 Analyzed: 04/23/25 3.97 0.0250 5.00 ND 79.5 70-130 11.8 27 70-130 3.95 0.0250 5.00 ND 78.9 11.6 26 Ethylbenzene Toluene 3 97 0.0250 5.00 ND 79.5 70-130 11.8 20 3.92 5.00 ND 78.4 70-130 11.7 25 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

79.0

78.8

96.7

70-130

70-130

70-130



23

26

11.5

11.5

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

7.90

11.8

7.73

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/29/2025 12:02:06PM

Dallas TX, 75240		Project Manage	r: As	shley Giovens	go			4/29	9/2025 12:02:06PM
	Nor	nhalogenated		Analyst: IY					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517066-BLK1)							Prepared: 0	4/23/25 Analy	yzed: 04/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			
LCS (2517066-BS2)							Prepared: 0	4/23/25 Analy	yzed: 04/23/25
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			
Matrix Spike (2517066-MS2)				Source:	E504230-	05	Prepared: 0	4/23/25 Analy	yzed: 04/23/25
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			
Matrix Spike Dup (2517066-MSD2)				Source:	E504230-	05	Prepared: 0	4/23/25 Analy	yzed: 04/24/25
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130	11.3	20	

8.00

7.59

94.9

70-130



San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001
Reported:
5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240
Project Manager: Ashley Giovengo 4/29/2025 12:02:06PM

,		, ,		, ,	-					
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: HM	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2517062-BLK1)							Prepared: 0	4/23/25 An	alyzed: 04/23/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	50.4		50.0		101	61-141				
LCS (2517062-BS1)							Prepared: 0	4/23/25 An	alyzed: 04/23/25	
Diesel Range Organics (C10-C28)	221	25.0	250		88.2	66-144				
Surrogate: n-Nonane	49.1		50.0		98.1	61-141				
Matrix Spike (2517062-MS1)				Source:	E504230-	04	Prepared: 0	4/23/25 An	alyzed: 04/23/25	
Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.9	56-156				
Surrogate: n-Nonane	50.9		50.0		102	61-141				
Matrix Spike Dup (2517062-MSD1)				Source:	E504230-0	04	Prepared: 0	4/23/25 An	alyzed: 04/23/25	
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.8	56-156	2.32	20		
Surrogate: n-Nonane	49.9		50.0		99.8	61-141				

San Mateo Stebbins Water Management, LLC 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Shinnery Oak SWD #001 23003-0002	Reported:				
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/29/2025 12:02:06PM				
	I ED 200 0/005()						

	Anions by EPA 300.0/9056A							Analyst: DT		
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
]	Prepared: 0	4/23/25 Ana	alyzed: 04/24/25		
ND	20.0									
]	Prepared: 0	4/23/25 Ana	alyzed: 04/24/25		
254	20.0	250		102	90-110					
	mg/kg ND	Result Limit mg/kg mg/kg ND 20.0	Result Limit Level mg/kg mg/kg mg/kg	Result Limit Level Result mg/kg mg/kg mg/kg mg/kg mg/kg	Result Limit Level Result Rec mg/kg mg/kg mg/kg mg/kg % ND 20.0	Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % ND 20.0	Result Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % Prepared: 0 ND 20.0 Prepared: 0	Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % % Prepared: 04/23/25 Ana ND 20.0 Prepared: 04/23/25 Ana		

LCS (2517072-BS1)							Prepared: 04	/23/25 Ana	lyzed: 04/24/25	
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2517072-MS1)				Source:	E504228-0)4	Prepared: 04	/23/25 Ana	lyzed: 04/24/25	
Chloride	256	20.0	250	ND	102	80-120				
Matrix Spike Dup (2517072-MSD1)				Source:	E504228-0)4	Prepared: 04	/23/25 Ana	lyzed: 04/24/25	
Chloride	255	20.0	250	ND	102	80-120	0.194	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

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/29/25 12:02

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Released to Imaging: 8/19/2025 4:15:43 PM

Project: ! Project M Address:	an Mateo	nt Inforn	••		Invoice Information							_							
Project: ! Project M Address:		ent: San Mateo Company: Ensolum LLC				on			ı	ab Us	e Or	ıly				TAT		State	
Project M Address:					Company: Ensolum LLC		Lab WO# E504231				Job	Job Number 2 1			1D	2D 3	D Std	NM CO UT T	ГХ
Address:					Address: 3122 National Parks			E.50	123	<u> </u>	23	<u>ගප</u>	·ac				X	X	
	lanager: As				City, State, Zip: Carlsbad NM,	88220	<u>'</u>	_											
	3122 Natio				Phone: 575-988-0055		I				Ana	lysis	and	Met	hod			EPA Program	<u> </u>
	e, Zip: Carls		88220_		Email: agiovengo@ensolum	.com						1						SDWA CWA	RCRA
	575-988-005				Miscellaneous:										l			Compliance Y C	or I N
Email: ap	giovengo@e	nsolum.c	om		<u> </u>	- :			1 51 8			ا ۾ ا			ایا			Compliance Y C	01 14
		···		Sample I	nformation			 	· ਨੌ	3021	560	300.0	N	5-TX	Aetal			1 11312 11	
Time		Γ	No. of	1		Ī	B 현 La	ıb S	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	- 1		Remarks	
Sampled	Date Sampled	Matrix	Containers		Sample ID		Fig. Num	nber 2	8	BTE	Š	용	Bec	TCEC	స్ట			<u> </u>	
	1	2	1 1		0.11.1	l	1						Χ						TX RCRA
0811	4/21/25		 ' -	ļ	BH11 - 15°			-	+	_	-		$\overline{}$			-+	+-		
0855	}	5	1	R	411 RH H 20'		2	'					X				-		
0875			 ` -	LA	A BITTI ZO		7	7	+	+-	T		- -						
0925		5	1)		BH11 25°		4	.3					X						
					0.111		2	-/1					χ						
1008		5	1		BHI1 301		5	7	_	_			<u> </u>		-+	_			
ا دامیا	1	١٩	1 ,	1	BH11 35'		16	-					义						
1047			 		13411 55				-	+	┢╌				H	+	+	 	
1140		5	1	1	BH11-40'		7	Q		1			X						
		5					Ø	7					.,						-
1244		2	1 1		BH11-47.5'		- 6		┷	<u> </u>			X			_			
]									
	<u> </u>	-	 						┿	+	-		-	_	\vdash	-+		 	
													1						
	<u> </u>		+					1/	+	+	┢		\vdash						
	l				_			M		<u> </u>	<u>L</u>								
Addition	al Instruction	ns: Ple	ase CC: c	burton@enso	lum.com, agiovengo@ensolum.com	, chan	tilton@e	nsolun	.com	, iestı	ella@	@ens	ouln	ı.con	n, bsi	mmor	ns@en	solum.com,	
					derinto@ensolum.com	1 12								16	1 - 1 -				
i, (field samp Sampled by:	•	•	d authenticit	y of this sample. I a	rm aware that tampering with or intentionally misl	apering to	ne sample lo	cation, da	e or ti	me or co	liectio	n is coi	nsidere	e Trav	o ano n	ay be g	rounas io	or regaraction.	
	ed by: (Signatu		Date	Time	Received by: (Signature)		Date	Tir	ie		Γ		Sampl	es requi	iring the	rmal pres	servation n	nust be received on ice the day th	hey are
	The state of the s	·	41	22/25 08	Received by: (Signature)	^	4.22-2	15 1	280	22				ed or re		acked in	ice at an a	vg temp above 0 but less than 6 °	°C on
Relinquish	ed by: (Sigpatu	re)	Date	Time	Received by: (Signature)		Date	Tir	e]						Lab U	Ise Only	
	lla ta	7/-			30 file M.		<u>4.11.</u>			<u>'00'</u>	1		Rec	eived	on ic	:e: ((}/ ((N	
Relinguish	ed by: (Signatu	re) Y	Date	ł	7)		Date	Tir									-		
بليكر	ہی ہے	•			2400 Noc 5-4		<u>4.23.2</u>		Bo	<u>U</u>	1		<u> T1</u>			_ I	2	<u>T3</u>	
Helinquish	ed by: (Signatu	ire)	Date	Time	Received by: (Signature)		Date	Tir	Œ				AVG	Ter	np °C_				
Sample Mat	rix: S - Soil, Sd - S	olid. Se - Sh	idge, A - Anii	egus, O - Other	L	-	Container	r Type: 1	- glas	SS, p - 1	j poly/i					SŚ, V -	VOA	T	



envirotech

envirotech Inc.

Printed: 4/23/2025 10:06:43AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	04/23/25 08			Work Order ID:	E504231
Phone:	(972) 371-5200	Date Logged In:	04/22/25 1:			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/29/25 1	7:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes			Comments	s/Resolution
Sample T	urn Around Time (TAT)			[
	COC indicate standard TAT, or Expedited TAT?		Yes		Individual	sample tempe	eratures listed on
Sample C	<u>Cooler</u>				COC		
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C	<u>Container</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info	ormation:	**				
	ample ID? ate/Time Collected?		Yes	Į			
	ollectors name?		Yes Yes				
	reservation		103				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	nrv?	No				
	subcontract laboratory specified by the client and i	-		Subcontract Lab	: NA		
	struction						
CHERTI	istruction						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504236

Job Number: 23003-0002

Received: 4/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/30/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/30/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504236

Date Received: 4/24/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2025 7:15:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH11-57.5	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Γ	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	D d -
ı	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 08:13

Client Sample ID	Lab Sample ID Ma	atrix	Sampled	Received	Container
BH11-57.5	E504236-01A So	oil	04/22/25	04/24/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/30/2025 8:13:20AM

BH11-57.5 E504236-01

	E304230-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2517075
ND	0.0250	1	04/24/25	04/24/25	
ND	0.0250	1	04/24/25	04/24/25	
ND	0.0250	1	04/24/25	04/24/25	
ND	0.0250	1	04/24/25	04/24/25	
ND	0.0500	1	04/24/25	04/24/25	
ND	0.0250	1	04/24/25	04/24/25	
	98.0 %	70-130	04/24/25	04/24/25	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2517075
ND	20.0	1	04/24/25	04/24/25	
	95.3 %	70-130	04/24/25	04/24/25	
mg/kg	mg/kg	Analy	yst: HM		Batch: 2517077
ND	25.0	1	04/24/25	04/26/25	
ND	50.0	1	04/24/25	04/26/25	
	104 %	61-141	04/24/25	04/26/25	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2517091
830	20.0	1	04/24/25	04/24/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 95.3 % mg/kg MD 25.0 ND 50.0 104 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 98.0 % 70-130 mg/kg mg/kg Analy ND 20.0 1 95.3 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 104 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: IY ND 0.0250 1 04/24/25 ND 0.0250 1 04/24/25 ND 0.0250 1 04/24/25 ND 0.0250 1 04/24/25 ND 0.0500 1 04/24/25 ND 0.0250 1 04/24/25 mg/kg mg/kg Analyst: IY ND 20.0 1 04/24/25 mg/kg mg/kg Analyst: HM ND 25.0 1 04/24/25 ND 50.0 1 04/24/25 ND 50.0 1 04/24/25 ND 50.0 1 04/24/25 mg/kg Mg/kg Analyst: HM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/24/25 04/24/25 ND 0.0500 1 04/24/25 04/24/25 ND 0.0250 1 04/24/25 04/24/25 Mg/kg Mg/kg Analyst: IY 04/24/25 04/24/25 Mg/kg Mg/kg Analyst: IY 04/24/25 04/24/25 Mg/kg Mg/kg Analyst: HM 04/24/25 04/24/25 ND 25.0 1 04/24/25 04/26/25 ND 50.0 1 04/24/25 04/26/25 ND 50.0 1 04/24/25 04/26/25 ND 50.0 1 04/24/25 04

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Matrix Spike Dup (2517075-MSD1)

8.03

4.39

4.38

4 40

4.36

8.75

13.1

7.79

QC Summary Data

San Mateo Stebbins Water Management, LLC Shinnery Oak SWD #001 Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/30/2025 8:13:20AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517075-BLK1) Prepared: 04/24/25 Analyzed: 04/24/25 ND 0.0250 ND 0.0250 Ethylbenzene Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.73 8.00 96.7 70-130 LCS (2517075-BS1) Prepared: 04/24/25 Analyzed: 04/24/25 4.66 5.00 93.2 70-130 Benzene 0.0250 Ethylbenzene 4.62 0.0250 5.00 92.5 70-130 4.66 0.0250 5.00 93.2 70-130 Toluene 92.5 o-Xylene 4.63 0.0250 5.00 70-130 9.25 10.0 92.5 70-130 0.0500 p.m-Xvlene 92.5 70-130 13.9 0.0250 15.0 Total Xylenes 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.15 Matrix Spike (2517075-MS1) Source: E504237-02 Prepared: 04/24/25 Analyzed: 04/24/25 4.56 0.0250 5.00 ND 70-130 Benzene ND 90.3 70-130 Ethylbenzene 4.52 0.0250 5.00 Toluene 4.55 0.0250 5.00 ND 91.1 70-130 4.50 5.00 ND 90.0 70-130 0.0250 o-Xylene p,m-Xylene 9.02 0.0500 10.0 ND 90.2 70-130 0.0250 15.0 ND 70-130 Total Xylenes

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

3.74

3.14

3 51

3.15

3.09

3.11

Source: E504237-02

87.8

87.5

87.9

87.2

87.5

87.4

97.4

ND

ND

ND

ND

ND

ND

Prepared: 04/24/25 Analyzed: 04/24/25

27

26

20

25

23

26

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/30/20258:13:20AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			4/3	0/2025 8:13:20AM	
	Nor	halogenated	Organics l	by EPA 80	15D - G	RO		Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2517075-BLK1)							Prepared: 0	4/24/25 Anal	yzed: 04/24/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130				
LCS (2517075-BS2)							Prepared: 0	4/24/25 Anal	yzed: 04/24/25	
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130				
Matrix Spike (2517075-MS2)				Source:	E504237-	02	Prepared: 0	4/24/25 Anal	yzed: 04/24/25	
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130				
Matrix Spike Dup (2517075-MSD2)				Source:	E504237-	02	Prepared: 0	4/24/25 Anal	yzed: 04/24/25	
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	2.20	20		

8.00

7.89

98.7

70-130



San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001

Reported:

5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002

Dallas TX, 75240
Project Manager: Ashley Giovengo 4/30/2025 8:13:20AM

, , , ,		, ,		, ,	-						
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2517077-BLK1)							Prepared: 0	4/24/25 Ana	alyzed: 04/25/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	59.8		50.0		120	61-141					
LCS (2517077-BS1)							Prepared: 0	4/24/25 Ana	alyzed: 04/25/25		
Diesel Range Organics (C10-C28)	237	25.0	250		94.6	66-144					
Surrogate: n-Nonane	46.2		50.0		92.5	61-141					
Matrix Spike (2517077-MS1)				Source:	E504235-0	04	Prepared: 0	4/24/25 Ana	alyzed: 04/25/25		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156					
Surrogate: n-Nonane	47.6		50.0		95.1	61-141					
Matrix Spike Dup (2517077-MSD1)				Source:	E504235-0	04	Prepared: 0	4/24/25 Ana	alyzed: 04/25/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	3.80	20			
Surrogate: n-Nonane	49.7		50.0		99.4	61-141					



San Mateo Stebbins Water Management, LLC 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Project Number: Project Manager	2.	hinnery Oak S 3003-0002 shley Gioveng					Reported: 4/30/2025 8:13:20AM
	Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes

Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	4/24/25 Ai	nalyzed: 04/24/25
ND	20.0							
						Prepared: 0	4/24/25 A	nalyzed: 04/24/25
259	20.0	250		104	90-110			
			Source:	E504235-0	03	Prepared: 0	4/24/25 A	nalyzed: 04/24/25
860	20.0	250	620	96.2	80-120			
			Source:	E504235-0	03	Prepared: 0	4/24/25 A	nalyzed: 04/24/25
870	20.0	250	620	100	80-120	1.15	20	
	MD 259 860	mg/kg mg/kg ND 20.0 259 20.0 860 20.0	Mg/kg mg/kg mg/kg ND 20.0 259 20.0 250 860 20.0 250	Mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Mg/k	mg/kg mg/kg mg/kg mg/kg % ND 20.0 259 20.0 250 104 Source: E504235- 860 20.0 250 620 96.2 Source: E504235-	mg/kg mg/kg mg/kg mg/kg % % ND 20.0 259 20.0 250 104 90-110 Source: E504235-03 860 20.0 250 620 96.2 80-120 Source: E504235-03	Mg/kg mg/kg mg/kg mg/kg % % % % %	Prepared: 04/24/25 A Prepared: 04/24/25 A

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

ſ	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
١	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 08:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

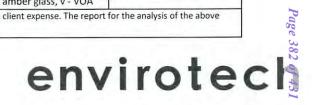
Note (1): Methods marked with ** are non-accredited methods.

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



	Clie	nt Inforn	nation	,		Invoice Information	1				La	b Us	e Or	nly				TA	T		State
Client: S	San Mateo				Co	mpany: Ensolum LLC		L	Lab V	NO#			Job	Num	ber		1D	2D	3D S	td	NM CO UT TX
	Shinnery Oa	k SWD #0	001			dress: 3122 National Parks H	lwy		F5	141	73	(0	73	003	00	07			X		X
Project N	Manager: As	hlev Giov	engo		Cit	v, State, Zip: Carlsbad NM, 8	8220			-											
	: 3122 Natio				Ph	one: 575-988-0055			Γ				Ana	lysis	and	Met	hod				EPA Program
	te, Zip: Carls	C. Troutra		i e	Fr	nail: agiovengo@ensolum.c	om		1	-		-1									SDWA CWA RCRA
	575-988-005		00220		The second second	cellaneous:	.0111														
	giovengo@e		om			icenaneous.		- 4		10	10				N I					0	Compliance Y or N
	Aloven Aoc e	11001011111						_		801	801	-		0			S			-	PWSID#
				Sam	ple Informati	on				DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Ī	7,000,000,000
Time	Bata Canadad		No. o	r l		Sample ID	Field	Lab	b	J/OR	J/DR	Х Бу	C by	oride	8	3100	A 8	1 1			Remarks
Sampled	Date Sampled	Matrix	Contain	ers		Sample ID	E 1	Lab Numb	ber	DRC	GRC	BTE	VOV	Chlo	BGC	TCEC	RCR				
1303	4/22/25	5	Ī		8	3411-57.5		1							X						4.7
Addition		ass. Blo	250 550		ousslum som	aniquanga@ancalum.com	chamilt	on@on	acolu	Im 6	om	iostr	rollad	- Panel	coule	200	m he	imm	ons@a	nece	olum com
						, agiovengo@ensolum.com, Densolum.com	cnamiit	on@en	isoit	ım.c	om,	iestr	ena	wens	souii	n.coi	n, bs	SITTITT	onsæe	:1150	Jium.com,
						at tampering with or intentionally mislab	eling the s	ample loc	ation,	date	or time	e of co	llectio	n is co	nsider	ed frau	ud and	may be	ground	s for	legal action.
Sampled by	r:Chad Ham	nilton																			
Relinquish	ned by: (Signatu	re)		ate	Time	Received by: (Signature)	Date	e	_	Time											ist be received on ice the day they are
-	G Total Control	2	>	4/23/25	0800	Michelle Gonzal	es 4	-27:2	5	0	800)				ed or re		packed	in ice at a	n avg	temp above 0 but less than 6 °C on
Mic	helle G	onza	les !	4·23·25	Time	Received by: (Signature)	/ Date	e . 23 - 25		Time [3	740							ice:			e Only
1/Les	hard (Signatu	joural	ey 1	1-23-75	ZZU S	Received by: (Signature)	- Date	.24.	25	Time	5				<u>T1</u>				<u>T2</u>		<u>T3</u>
Relinquish	ned by: (Signatu	re)	ı	ate	Time	Received by: (Signature)	Date	e		Time					AVO	3 Ter	np °(
Sample Ma	trix: S - Soil, Sd - S	iolid, Sg - Slu	idge, A -	Aqueous, 0 - Oth	ier	T.	Co	ntainer	Туре	2: g -	glass	, p - p	ooly/	plasti					- VOA	1	
						arrangements are made. Hazardou															for the analysis of the above
						this COC. The liability of the labora															A STATE OF THE PARTY OF THE PAR





envirotech Inc.

Printed: 4/24/2025 8:01:53AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	04/24/25 0	77:15	V	Work Order ID:	E504236
Phone:	(972) 371-5200	Date Logged In:	04/23/25 1	4:42	I	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/30/25 1	7:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			<u>Comment</u>	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>					_	
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			ample tempe	eratures listed on
Sample C	<u>Cooler</u>				COC.		
7. Was a s	sample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	Container_						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info	ormation:	**				
	ample ID? ate/Time Collected?		Yes	Į			
	ollectors name?		Yes Yes				
	reservation		103				
	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	does the COC specify which phase(s) is to be analy		NA				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	· NA		
		. 50 111101	- 11.2	Subcontract Eac	. 1421		
Client In	<u>struction</u>						
							0

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504239

Job Number: 23003-0002

Received: 4/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/30/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/30/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504239

Date Received: 4/24/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2025 7:15:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS06-0'	5
SS06-1'	6
QC Summary Data	7
QC - Volatile Organics by EPA 8021B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 08:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS06-0'	E504239-01A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
SS06-1'	E504239-02A	Soil	04/22/25	04/24/25	Glass Jar, 2 oz.



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/30/2025 8:23:33AM

SS06-0'

E504239-01

		1304257 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2517075
Benzene	ND	0.0250	1	04/24/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/24/25	
Toluene	ND	0.0250	1	04/24/25	04/24/25	
o-Xylene	ND	0.0250	1	04/24/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/24/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/24/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2517075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2517077
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/26/25	
Surrogate: n-Nonane		103 %	61-141	04/24/25	04/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2517091
Chloride	264	20.0	1	04/24/25	04/24/25	



San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/30/2025 8:23:33AM

SS06-1'

E504239-02

Batch: 2517075 25 25 25 25 25 25 25
Batch: 2517075 25 25 25 25 25 25 25
25 25 25 25 25 25 25
225 225 225 225 225
225 225 225 225
225 225 225
225 225
25
25
Batch: 2517075
25
25
Batch: 2517077
25
25
25
Batch: 2517091
25
24/2



Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/30/2025 8:23:33AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517075-BLK1) Prepared: 04/24/25 Analyzed: 04/24/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.73 8.00 96.7 70-130 LCS (2517075-BS1) Prepared: 04/24/25 Analyzed: 04/24/25 4.66 93.2 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.62 0.0250 5.00 92.5 70-130 4.66 0.0250 5.00 93.2 70-130 Toluene 92.5 o-Xylene 4.63 0.0250 5.00 70-130 9.25 10.0 92.5 70-130 0.0500 p.m-Xvlene 92.5 70-130 13.9 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.15 Matrix Spike (2517075-MS1) Source: E504237-02 Prepared: 04/24/25 Analyzed: 04/24/25 4.56 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 4.52 0.0250 5.00 90.3 Toluene 4.55 0.0250 5.00 ND 91.1 70-130 4.50 ND 90.0 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.02 0.0500 10.0 ND 90.2 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.03 8.00 Matrix Spike Dup (2517075-MSD1) Source: E504237-02 Prepared: 04/24/25 Analyzed: 04/24/25

4.39

4.38

4 40

4.36

8.75

13.1

7.79

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

87.8

87.5

87.9

87.2

87.5

87.4

97.4

70-130

70-130

70-130

70-130

70-130

70-130

70-130

3.74

3.14

3 51

3.15

3.09

3.11

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/30/20258:23:33AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			4/3	0/2025 8:23:33AM		
	Nor	Nonhalogenated Organics by EPA 8015D - GRO									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2517075-BLK1)							Prepared: 0	4/24/25 Anal	yzed: 04/24/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130					
LCS (2517075-BS2)							Prepared: 0	4/24/25 Anal	yzed: 04/24/25		
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130					
Matrix Spike (2517075-MS2)				Source:	E504237-	02	Prepared: 0	4/24/25 Anal	yzed: 04/24/25		
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130					
Matrix Spike Dup (2517075-MSD2)				Source:	E504237-	02	Prepared: 0	4/24/25 Anal	yzed: 04/24/25		
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	2.20	20			

8.00

7.89

98.7

70-130

San Mateo Stebbins Water Management, LLC
Project Name: Shinnery Oak SWD #001

Reported:

5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002

Dallas TX, 75240
Project Manager: Ashley Giovengo 4/30/2025 8:23:33AM

, , , ,		, ,		, ,	-				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517077-BLK1)							Prepared: 0	4/24/25 Ana	alyzed: 04/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.8		50.0		120	61-141			
LCS (2517077-BS1)							Prepared: 0	4/24/25 Ana	alyzed: 04/25/25
Diesel Range Organics (C10-C28)	237	25.0	250		94.6	66-144			
Surrogate: n-Nonane	46.2		50.0		92.5	61-141			
Matrix Spike (2517077-MS1)				Source:	E504235-0	04	Prepared: 0	4/24/25 Ana	alyzed: 04/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156			
Surrogate: n-Nonane	47.6		50.0		95.1	61-141			
Matrix Spike Dup (2517077-MSD1)				Source:	E504235-0	04	Prepared: 0	4/24/25 Ana	alyzed: 04/25/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	3.80	20	
Surrogate: n-Nonane	49.7		50.0		99.4	61-141			

San Mateo Stebbins Water Mana 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	·								Reported: 4/30/2025 8:23:33AM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517091-BLK1)						I	Prepared: 0	4/24/25	Analyzed: 04/24/25
Chloride	ND	20.0							

LCS (2517091-BS1)							Prepared:	04/24/25	Analyzed: 04/24/25	
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2517091-MS1)				Source	: E504235-0	13	Prepared:	04/24/25	Analyzed: 04/24/25	
Chloride	860	20.0	250	620	96.2	80-120				
Matrix Spike Dup (2517091-MSD1)				Source	: E504235-0	13	Prepared:	04/24/25	Analyzed: 04/24/25	
Chloride	870	20.0	250	620	100	80-120	1.15	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

l	San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 08:23

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

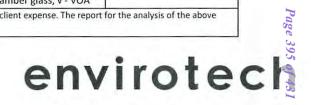
DNR Did not react with the addition of acid or base.

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

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

Client Information					Invoice Information			Lab Use Onl						ily				TAT			State												
Client: San Mateo					C	Company: Ensolum LLC Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055				Lab WO# Job 23							1D	2D 3D	3D	3D Std	NM	CO UT	TX										
Shinnery Oak SWO #001 Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy					·a										SOC		-		X	X													
				<u>c</u>																													
				PI								Ana	lysis	and	Met	thod				EI	A Progr	am											
City, Sta	te, Zip: Carls	bad NM,	88220			Email: agiovengo@ensolum.com																SDWA	CWA	RCRA									
Phone:	575-988-005	5			M	iscellaneous:																											
Email: a	giovengo@e	nsolum.c	com						13	15	15								1 1		Complian	ce Y	or N										
										y 80	y 80	11	0	0.0	5	×	as				PWSID#												
				Sam	ple Informa	tion		1		RO b	RO b	V 802	826	e 30	N	- 500	Met																
Time Sampled	Date Sampled	Matrix	No. of Contain			Sample ID	Field	Lab Numb		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remark	Š										
1101	4/22/25	S	1		S	506-0		1							X						4.4												
	4/22/25	5	1		<	5506-0°		2							X						4.8												
			-																														
									4								-																
							_																										
				1																													
Addition	nal Instructio	ns: Ple	ase CC	: cburton@	ensolum.cor	n, agiovengo@ensolum.com,	chamilt	on@en	rsolu	ım.c	om.	iestr	ella	@ens	oulr	n.coi	m. bs	simm	lons@	ens	olum.coi	n.											
jgonzale	z@ensolum	.com, bm	noir@e	nsolum.con	n, oaderinto	@ensolum.com																											
			d authent	icity of this sam	ple. I am aware t	hat tampering with or intentionally misla	beling the s	ample loc	ation,	date	or time	e of co	ollectio	n is co	nsider	ed fra	ud and	may b	e groun	ds for	legal action												
Sampled by	y:Chad Han ned by: (Signatu		Jr.	ate	Time	Received by: (Signature)	Dat	P	Į,	Time	_				Samn	les reau	uiring th	nermal	preservat	ion m	ust be received	on ice the d	ay they are										
Kemiquisi	ico by. (signatu	10)		1/23/25	7,0772	Michelle Gonza	ec L	-232			800	0									g temp above												
Relinguish	ned by: (Signatu	re)		ate	Time			e	1	Time					subse	quent c	lavs		La	b Us	e Only												
Mich	helle Go	men	es L	173-52	1240	Thehard one		-23-2			540				Received on ice: N																		
Lich	ped by: (Signatu	romafe	4	4-23-25	Time 2200	Received by (Signature)	4	.24.2	35	7	15				<u>T1</u>				<u>T2</u>			<u>T3</u>											
Relinquish	ned by: (Signatu	re)	C	ate	Time	Received by: (Signature)	Dat	e		Time					AVO	G Ter	np °(
	trix: S - Soil, Sd - S							ntainer							c, ag	- am	ber g	lass,															
						er arrangements are made. Hazardo th this COC. The liability of the labor										e clie	nt exp	ense.	The re	port	for the ana	ysis of the	e above										





Printed: 4/24/2025 8:05:39AM

Envirotech Analytical Laboratory

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:	San Mateo Stebbins Water Management, LLC	Date Received:	04/24/25 0	7:15	W	Vork Order ID:	E504239
Phone:	(972) 371-5200	Date Logged In:	04/23/25 1	4:52	L	ogged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		7:00 (4 day TAT)		-887	
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	atch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes			Comment	s/Resolution
Sample T	Furn Around Time (TAT)			[<u> </u>	
	e COC indicate standard TAT, or Expedited TAT?		Yes			imple tempe	eratures listed on
Sample C	<u>Cooler</u>				COC.		
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample (Container						
14. Are a	queous VOC samples present?		No				
15. Are V	OC 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 n	on-VOC samples collected in the correct container	s?	Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field Lal	<u>oel</u>						
	field sample labels filled out with the minimum in	formation:					
	ample ID?		Yes				
	ate/Time Collected? follectors name?		Yes	•			
			Yes				
	<u>Preservation</u> the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	oreserved:	NA NA				
	filtration required and/or requested for dissolved n	netals?					
		ietais:	No				
	se Sample Matrix	0					
	the sample have more than one phase, i.e., multiph		No				
27. If yes	, does the COC specify which phase(s) is to be ana	lyzed?	NA				
	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborat	ory?	No				
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab	: NA		
Client I	<u>istruction</u>						

Date

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

envirotech Inc.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

San Mateo Stebbins Water Management, LLC

Project Name: Shinnery Oak SWD #001

Work Order: E504240

Job Number: 23003-0002

Received: 4/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/30/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/30/25

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Shinnery Oak SWD #001

Workorder: E504240

Date Received: 4/24/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2025 7:15:00AM, under the Project Name: Shinnery Oak SWD #001.

The analytical test results summarized in this report with the Project Name: Shinnery Oak SWD #001 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 Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH12-40'	5
BH12-50'	6
BH12-57.5'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	Danautada
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 08:25

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH12-40'	E504240-01A Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
BH12-50'	E504240-02A Soil	04/22/25	04/24/25	Glass Jar, 2 oz.
BH12-57.5'	E504240-03A Soil	04/22/25	04/24/25	Glass Jar, 2 oz.



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/30/2025 8:25:34AM

BH12-40' E504240-01

		E304240-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analy	vst: IY		Batch: 2517075
Benzene	ND	0.0250	1	04/24/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/24/25	
Toluene	ND	0.0250	1	04/24/25	04/24/25	
o-Xylene	ND	0.0250	1	04/24/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/24/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/24/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2517075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: HM		Batch: 2517077
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/26/25	
Surrogate: n-Nonane		104 %	61-141	04/24/25	04/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2517091
Chloride	3210	40.0	2	04/24/25	04/24/25	



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/30/2025 8:25:34AM

BH12-50' E504240-02

		E304240-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY	·	Batch: 2517075
Benzene	ND	0.0250	1	04/24/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/24/25	
Toluene	ND	0.0250	1	04/24/25	04/24/25	
o-Xylene	ND	0.0250	1	04/24/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/24/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/24/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg		g Analyst: IY			Batch: 2517075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2517077
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/26/25	
Surrogate: n-Nonane		105 %	61-141	04/24/25	04/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2517091
Chloride	1900	20.0	1	04/24/25	04/24/25	



Sample Data

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	4/30/2025 8:25:34AM

BH12-57.5' E504240-03

		E504240-03				
Austra	Result	Reporting Limit	Dilution	D d	A la d	Notes
Analyte	Kesult	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2517075
Benzene	ND	0.0250	1	04/24/25	04/24/25	
Ethylbenzene	ND	0.0250	1	04/24/25	04/24/25	
Toluene	ND	0.0250	1	04/24/25	04/24/25	
o-Xylene	ND	0.0250	1	04/24/25	04/24/25	
p,m-Xylene	ND	0.0500	1	04/24/25	04/24/25	
Total Xylenes	ND	0.0250	1	04/24/25	04/24/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2517075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/25	04/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	04/24/25	04/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2517077
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/25	04/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/25	04/26/25	
Surrogate: n-Nonane		103 %	61-141	04/24/25	04/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2517091
Chloride	1680	20.0	1	04/24/25	04/24/25	·



Total Xylenes

Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2517075-MSD1)

QC Summary Data

Shinnery Oak SWD #001 San Mateo Stebbins Water Management, LLC Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 4/30/2025 8:25:34AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2517075-BLK1) Prepared: 04/24/25 Analyzed: 04/24/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.73 8.00 96.7 70-130 LCS (2517075-BS1) Prepared: 04/24/25 Analyzed: 04/24/25 4.66 93.2 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.62 0.0250 5.00 92.5 70-130 4.66 0.0250 5.00 93.2 70-130 Toluene 92.5 o-Xylene 4.63 0.0250 5.00 70-130 9.25 10.0 92.5 70-130 0.0500 p.m-Xvlene 92.5 70-130 13.9 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.15 Matrix Spike (2517075-MS1) Source: E504237-02 Prepared: 04/24/25 Analyzed: 04/24/25 4.56 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 4.52 0.0250 5.00 90.3 Toluene 4.55 0.0250 5.00 ND 91.1 70-130 4.50 ND 90.0 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.02 0.0500 10.0 ND 90.2 70-130

15.0

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

ND

Source: E504237-02

87.8

87.5

87.9

87.2

87.5

87.4

97.4

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

3.74

3.14

3 51

3.15

3.09

3.11

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

8.03

4.39

4.38

4 40

4.36

8.75

13.1

7.79

Prepared: 04/24/25 Analyzed: 04/24/25

27

26

20

25

23

26

QC Summary Data

San Mateo Stebbins Water Management, LLCProject Name:Shinnery Oak SWD #001Reported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo4/30/20258:25:34AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			4	/30/2025 8:25:34AN		
Nonhalogenated Organics by EPA 8015D - GRO											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2517075-BLK1)							Prepared: 0	4/24/25 An	alyzed: 04/24/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130					
LCS (2517075-BS2)							Prepared: 0	4/24/25 An	alyzed: 04/24/25		
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130					
urrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130					
Matrix Spike (2517075-MS2)				Source:	E504237-	02	Prepared: 0	4/24/25 An	alyzed: 04/24/25		
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130					
Matrix Spike Dup (2517075-MSD2)				Source:	E504237-	02	Prepared: 0	4/24/25 An	alyzed: 04/24/25		
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	2.20	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.7	70-130					



QC Summary Data

San Mateo Stebbins Water Management, LLC Project Name: Shinnery Oak SWD #001

5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240 Project Manager: Ashley Giovengo 4/30/2025 8:25:34AM

	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517077-BLK1)							Prepared: 0	4/24/25 Ana	lyzed: 04/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.8		50.0		120	61-141			
LCS (2517077-BS1)							Prepared: 0	4/24/25 Ana	lyzed: 04/25/25
Diesel Range Organics (C10-C28)	237	25.0	250		94.6	66-144			
Surrogate: n-Nonane	46.2		50.0		92.5	61-141			
Matrix Spike (2517077-MS1)				Source:	E504235-0	04	Prepared: 0	4/24/25 Ana	lyzed: 04/25/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	56-156			
Surrogate: n-Nonane	47.6		50.0		95.1	61-141			
Matrix Spike Dup (2517077-MSD1)				Source:	E504235-0	04	Prepared: 0	4/24/25 Ana	lyzed: 04/25/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	3.80	20	
Surrogate: n-Nonane	49.7		50.0		99.4	61-141			

QC Summary Data

San Mateo Stebbins Water Mana 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	agement, LLC	Project Name: Project Number Project Manager						Reported: 4/30/2025 8:25:34AM	
		Anions	by EPA	300.0/9056 <i>£</i>	A				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517091-BLK1)]	Prepared: 0	4/24/25	Analyzed: 04/24/25
Chloride	ND	20.0							

LCS (2517091-BS1)							Prepared: 04	/24/25	Analyzed: 04/24/25	
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2517091-MS1)				Source:	E504235-0)3	Prepared: 04	/24/25	Analyzed: 04/24/25	
Chloride	860	20.0	250	620	96.2	80-120				
Matrix Spike Dup (2517091-MSD1)				Source:	E504235-0)3	Prepared: 04	/24/25	Analyzed: 04/24/25	
Chloride	870	20.0	250	620	100	80-120	1.15	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

San Mateo Stebbins Water Management, LLC	Project Name:	Shinnery Oak SWD #001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	04/30/25 08:25

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

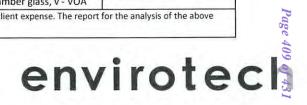
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page _	(_ of	1

	Clie	nt Inform	nation			Invoice Information	n			La	ab Us	se Or	ly				TA	T		State	9
	an Mateo honery (Manager: Asi			001	Ac	mpany: Ensolum LLC ddress: 3122 National Parks ty, State, Zip: Carlsbad NM,	A-100 N. 10	La E	504	#24	0	Job 23	Num 031	ber 000	2	1D	2D	3D Std X	NM X	TX	
	3122 Natio					one: 575-988-0055	00220		Analysis and Me						Met	hod			EPA Program		
	e, Zip: Carls					mail: agiovengo@ensolum	.com												SDWA	CWA	RCRA
	575-988-005					scellaneous:															
Email: agiovengo@ensolum.com							8015	15						1			Complian	ce Y	or N		
										y 8015	21	0	0.0	5	×	tals			PWSID#		
				Sam	ple Informati	ion	1.	1	- Sec	NO E	y 80.	y 826	de 30	N-C	- 500	3 Me		1		N	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numbe	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
0934	4/22/25	5	1		BH	+12-40								X					5.1		
1020	4/22/25	5	1			112-50"		2						X					5.3		
1145	4/22/25	5	- 1		BA	412-57.51		3						X					4.3		
LONG TO 626.						, agiovengo@ensolum.com Densolum.com	, chamilto	on@ens	olum.	.com,	iesti	rella(ens	ouln	n.cor	n, bs	imm	ons@en	solum.cor	n,	
I, (field sam		validity and				at tampering with or intentionally misla	beling the sa	imple locat	ion, dat	e or tim	e of co	ollectio	n is cor	nsidere	ed frau	d and	may be	grounds fo	r legal action.		
Relinquish	ed by: (Signatur	e)	Date	25/75	Time (0800)	Received by: (Signature)	Pec Date	-27.2	Tim	580	O								ust be received og temp above (
Wie	ed by: (Signatur	onza	Jes Date		Time 1540	Beceived by: (Signature)	Date		Tim	e 54	0			Rec	eived	l on i	ice:	Lab U	se Only		
Retinquish	ed by: (Signatur	Jones	Date		Time 2200	Received by: (Signature)	Date	24.25	Tim	15				T1				T2		<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Date		Time	Received by: (Signature)	Date		Tim					and the second second		np °C	_				
	rix: S - Soil, Sd - S						71	ntainer T			22.2								V e		
						r arrangements are made. Hazardon this COC. The liability of the labo									e clier	nt exp	ense.	The report	for the ana	lysis of the	above





Printed: 4/24/2025 8:06:27AM

Envirotech Analytical Laboratory

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.

Phone: (972) 371-5200 Date Logged In: 04/23/25 14:55 Logged In By: Caitlin Mars Email: agiovengo@ensolum.com Due Date: 04/30/25 17:00 (4 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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. Sample Turn Around Time (TAT) Date Logged In By: Caitlin Mars Yes Carrier: Courier Yes Carrier: Courier Yes Yes Comments/Resolution	
Email: agiovengo@ensolum.com Due Date: 04/30/25 17:00 (4 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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. Sample Turn Around Time (TAT) Due Date: 04/30/25 17:00 (4 day TAT) Yes Carrier: Courier Yes Yes Yes Comments/Resolution	
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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. Sample Turn Around Time (TAT) Yes Carrier: Courier Yes Yes Carrier: Courier Yes Comments/Resolution	
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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. Sample Turn Around Time (TAT) Yes Carrier: Courier Yes Yes Carrier: Courier Yes Comments/Resolution	
2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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. Sample Turn Around Time (TAT) Comments/Resolution	
3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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. Sample Turn Around Time (TAT) Carrier: Courier Yes Yes Yes Carrier: Courier Yes Comments/Resolution	
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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. Sample Turn Around Time (TAT) Ladicided analyses? Yes Comments/Resolution	
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. Sample Turn Around Time (TAT) Ladicided 1 and	
Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Ladicideal annula town out two all total annula town out two all to the two all to the two all to the two all to the two all to the two all to the two all to the two all to the two all to the two all to the two all the two	
Sample Turn Around Time (TAT)	
I Individual name to the control of the district of the control of	
6. Did the COC indicate standard TAT, or Expedited TAT? Yes Individual sample temperatures listed o	a
Sample Cooler COC.	
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 13. If no visible ice, record the temperature. Actual sample temperature:	
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 Patr Time Collected?	
Date/Time Collected? Yes Collectors name? 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 filtration required and/or requested for dissolved metals?	
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	
	$\overline{}$

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



APPENDIX F

NMOCD Correspondence

General Information Phone: (505) 629-6116 Online Phone Directory

https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 416909

QUESTIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	416909
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Shinnery Oak SWD 1				
Date Release Discovered	01/03/2025				
Surface Owner	Federal				

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 1,532 BBL Recovered: 1,532 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 383 BBL Recovered: 246 BBL Lost: 137 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116 Online Phone Directory

Energy, Minerals and Natural Resources Oil Conservation Division https://www.emnrd.nm.gov/ocd/contact-us 1220 S. St Francis Dr.

QUESTIONS, Page 2

Action 416909

QUESTIONS (continued)

Santa Fe, NM 87505

State of New Mexico

OGRID:
328762
Action Number:
416909
Action Type:
[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)						
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.					
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes					
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.					
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	gas only) are to be submitted on the C-129 form.					

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a sa	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 416909

ACKNOWLEDGMENTS

ı	Operator:	OGRID:
ı	San Mateo Stebbins Water Management, LLC	328762
ı	5400 LBJ Freeway	Action Number:
ı	Dallas, TX 75240	416909
ı		Action Type:
ı		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.	
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.	
I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative app notification and corrective action", pursuant to NMAC 19.15.29.		
V	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.	
₩.	I acknowledge the fact that 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.	
V	I acknowledge the fact that, 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.	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 416909

CONDITIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	416909
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By		Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/3/2025

Impacted Soil	
Saturated Soil (inches)	
	1
Area (sq. ft.)	
	19
Standing fluids	
inches of standing fluid	
bbl estimate of standing fluids	
barrels recovered (if known)	
Soil type	
pad caliche	
Spill type	
oil/produced water	
Barrel estimate in soil	
	5
Barrel estimate (standing fluids/ recovered+in soil)	

Impacted Soil	
Saturated Soil (inches)	
	9
Area (sq. ft.)	
	6133
Standing fluids	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	-
	0
0.11.	
Soil type	
pad caliche	
Spill type	
oil/produced water	
Barrel estimate in soil	100.3
David astimate (standing flyids/ nagrous dein sell)	109.2
Barrel estimate (standing fluids/ recovered+in soil)	
	109.2

Impacted Soil	
Saturated Soil (inches)	
	9
Area (sq. ft.)	
	1287
Standing fluids	
inches of standing fluid	
	0
bbl estimate of standing fluids	
barrels recovered (if known)	
	0
Soil type	
pad caliche	
Spill type	
oil/produced water	
Barrel estimate in soil	
	22.9
Barrel estimate (standing fluids/ recovered+in soil)	
	22.9

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 416935

QUESTIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	416935
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500345021
Incident Name	NAPP2500345021 SHINNERY OAK SWD 1 @ 30-015-20866
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Well	[30-015-20866] SHINNERY OAK FEDERAL SWD #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Shinnery Oak SWD 1
Date Release Discovered	01/03/2025
Surface Owner	Federal

Incident Details		
Please answer all the questions in this group.		
Incident Type	Oil Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release	
aterial(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 1,532 BBL Recovered: 1,532 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 383 BBL Recovered: 245 BBL Lost: 138 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Operator:

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 416935

QUESTIONS (continued)

OGRID:

San Mateo Stebbins Water Management, LLC	328762	
5400 LBJ Freeway	Action Number:	
Dallas, TX 75240	416935	
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)	
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.	
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury	
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why Not answered.		
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 01/03/2025	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 416935

QUESTIONS (continued)

Operator: Of	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	416935
Ar	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS Site Characterization Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A continuously flowing watercourse or any other significant watercourse Not answered Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. Not answered. A subsurface mine Not answered. An (non-karst) unstable area Not answered. Categorize the risk of this well / site being in a karst geology A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	No	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 416935

CONDITIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	416935
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created I	By Condition	Condition Date
scwell	s None	1/6/2025

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 420480

QUESTIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	420480
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500345021
Incident Name	NAPP2500345021 SHINNERY OAK SWD 1 @ 30-015-20866
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-20866] SHINNERY OAK FEDERAL SWD #001

Location of Release Source	
Site Name	Shinnery Oak SWD 1
Date Release Discovered	01/03/2025
Surface Owner	Federal

Liner Inspection Event Information		
Please answer all the questions in this group.		
What is the liner inspection surface area in square feet	8,874	
Have all the impacted materials been removed from the liner	Yes	
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	01/17/2025	
Time liner inspection will commence	09:00 AM	
Please provide any information necessary for observers to liner inspection	Tank Containment	
Please provide any information necessary for navigation to liner inspection site	32.49261,-104.03392	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 420480

CONDITIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	420480
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By		Condition Date
j_touchet	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	1/14/2025

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

Online Phone Directory

https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 495988

QUESTIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	495988
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500345021
Incident Name	NAPP2500345021 SHINNERY OAK SWD 1 @ 30-015-20866
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-20866] SHINNERY OAK FEDERAL SWD #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SHINNERY OAK SWD 1
Date Release Discovered	01/03/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 1,532 BBL Recovered: 1,532 BBL Lost: 0 BBL.	
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 383 BBL Recovered: 245 BBL Lost: 138 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 495988

QUESTI	ONS (continued)
Operator: San Mateo Stebbins Water Management, LLC 5400 LBJ Freeway Dallas, TX 75240	OGRID: 328762 Action Number: 495988 Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	i ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 495988

QUESTIONS (continued)

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	495988
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)	
Any other fresh water well or spring	Between ½ and 1 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Between 1 and 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	17700	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	28158	
GRO+DRO (EPA SW-846 Method 8015M)	20458	
BTEX (EPA SW-846 Method 8021B or 8260B)	149	
Benzene (EPA SW-846 Method 8021B or 8260B)	5	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	09/01/2025	
On what date will (or did) the final sampling or liner inspection occur	04/22/2025	
On what date will (or was) the remediation complete(d)	10/31/2025	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	10155	
What is the estimated volume (in cubic yards) that will be remediated	283	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 495988

QUESTIONS (continued)

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	495988
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Lea Land Disposal
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement

Name: Jason Touchet Title: EHS Field Rep

Email: jason.touchet@matadorresources.com

Date: 08/14/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 495988

QUESTIONS (continued)

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	495988
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 495988

QUESTIONS (continued)

	Operator:	OGRID:				
	San Mateo Stebbins Water Management, LLC	328762				
	5400 LBJ Freeway	Action Number:				
	Dallas, TX 75240	495988				
		Action Type:				
L		[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)				
C	QUESTIONS					
Sampling Event Information						
	Last sampling notification (C-141N) recorded	{Unavailable.}				
_						
F	Remediation Closure Request					
C	Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.					
	Requesting a remediation closure approval with this submission No					

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 495988

CONDITIONS

Operator:	OGRID:
San Mateo Stebbins Water Management, LLC	328762
5400 LBJ Freeway	Action Number:
Dallas, TX 75240	495988
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

С	reated By	Condition	Condition Date
:	scwells	Remediation plan approved. Submit remediation closure report to the OCD by 11/17/2025.	8/19/2025