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ΘΕΥΪΟΡ ÖQ ÁCÁ  
Á  
ÙQÒÁΤ ΘΕΥΪÁ

# Dark Canyon SWD

3 Bear Energy  
Eddy County, NM  
Final Confirmation Sample Map 1

**Legend**

- Sample Point
- Spill Area



90 ft

# Dark Canyon SWD

3 Bear Energy  
Eddy County, NM  
Final Confirmation Sample Map 2

Page 4 of 441

**Legend**

- Sample Point
- Spill Area



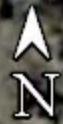
90 ft

# Dark Canyon SWD

3 Bear Energy  
Eddy County, NM  
Final Confirmation Sample Map 3

**Legend**

- Sample Point
- Spill Area



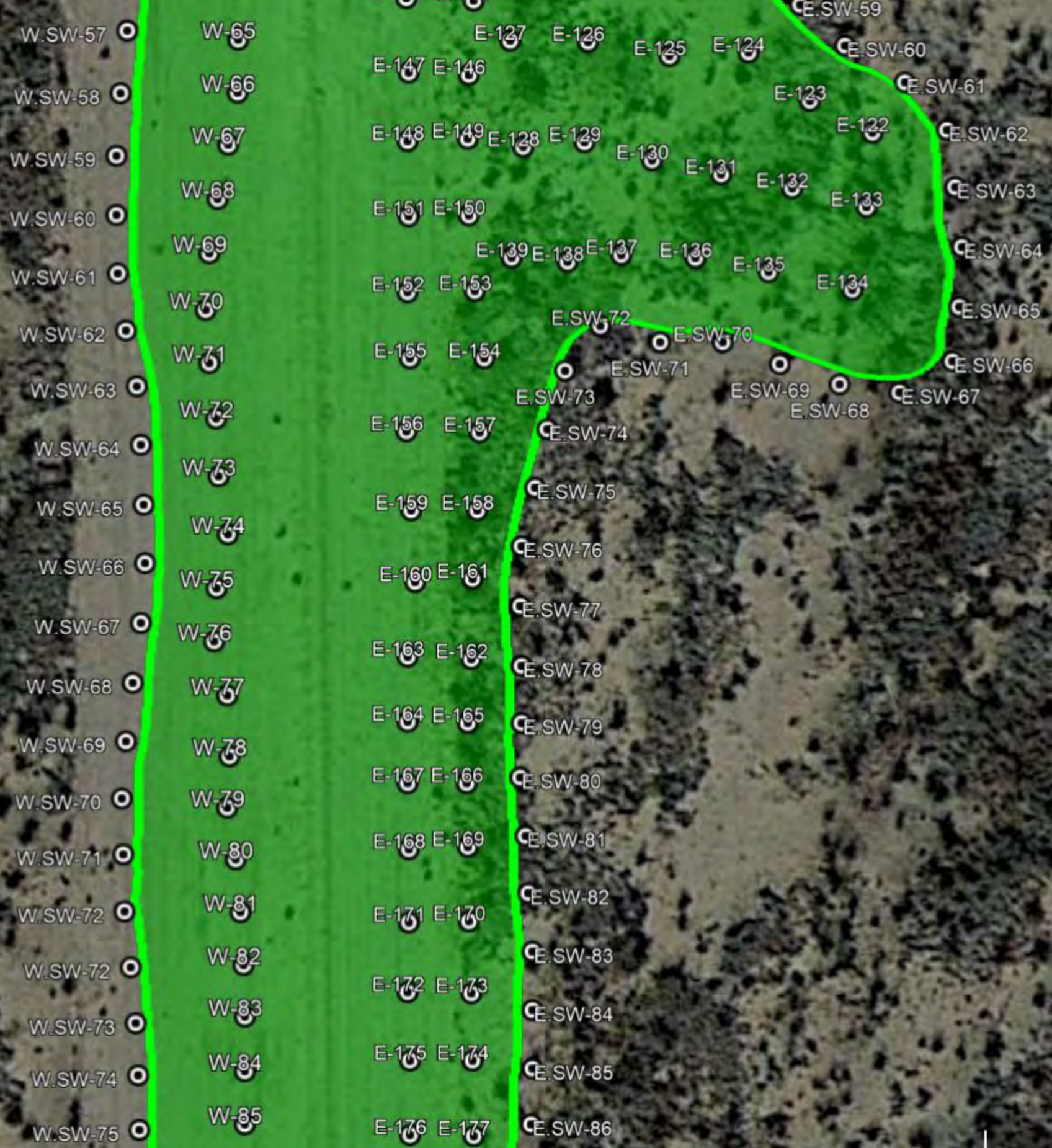
90 ft

# Dark Canyon SWD

3 Bear Energy  
Eddy County, NM  
Final Confirmation Sample Map 4

**Legend**

- Sample Point
- Spill Area



# National Flood Hazard Layer FIRMette



104°17'43"W 32°18'4"N



## Legend

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

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

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

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>

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

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

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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





The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/1/2021 at 4:53 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.


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

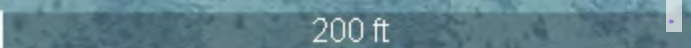
# 3 Bear Energy SWD

Eddy County  
Karst Map

**Legend**

-  3 Bear Energy SWD
-  High
-  Low
-  Medium

 3 Bear Energy SWD









Map Unit Description: Reagan loam, 0 to 3 percent slopes---Eddy Area, New Mexico

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## Eddy Area, New Mexico

### RA—Reagan loam, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5c

*Elevation:* 1,100 to 4,400 feet

*Mean annual precipitation:* 7 to 14 inches

*Mean annual air temperature:* 60 to 70 degrees F

*Frost-free period:* 200 to 240 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Reagan and similar soils:* 98 percent

*Minor components:* 2 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Reagan

##### Setting

*Landform:* Alluvial fans, fan remnants

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear, convex

*Across-slope shape:* Linear

*Parent material:* Alluvium and/or eolian deposits

##### Typical profile

*H1 - 0 to 8 inches:* loam

*H2 - 8 to 60 inches:* loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water capacity:* Moderate (about 8.2 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* B

*Ecological site:* R042XC007NM - Loamy

Map Unit Description: Reagan loam, 0 to 3 percent slopes---Eddy Area, New Mexico

---

*Hydric soil rating:* No

### **Minor Components**

#### **Upton**

*Percent of map unit:* 1 percent

*Ecological site:* R042XC025NM - Shallow

*Hydric soil rating:* No

#### **Atoka**

*Percent of map unit:* 1 percent

*Ecological site:* R042XC007NM - Loamy

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 01140</a>	C	ED		1	3	3	15	23S	26E	566980	3573870*	356	325		
<a href="#">C 00341</a>	C	CUB	ED		1	3	22	23S	26E	567090	3572566*	1001	1881		
<a href="#">C 00352</a>	C	CUB	ED		1	3	22	23S	26E	567090	3572566*	1001	1867		
<a href="#">C 00537</a>	C	ED			1	4	21	23S	26E	566277	3572558*	1135	400		
<a href="#">C 01463</a>	C	ED		2	2	3	22	23S	26E	567599	3572678*	1140	295	265	30
<a href="#">C 01022</a>	C	ED		4	3	2	22	23S	26E	568005	3572894*	1322	121	90	31
<a href="#">C 01015</a>	C	ED		4	4	4	15	23S	26E	568408	3573714*	1567	318	245	73
<a href="#">C 03238</a>	C	ED		4	4	4	15	23S	26E	568408	3573714*	1567	323	245	78
<a href="#">C 00247</a>	C	ED		4	2	4	15	23S	26E	568406	3574119*	1660	315	230	85
<a href="#">C 01639</a>	C	ED		4	2	4	15	23S	26E	568406	3574119*	1660	300	70	230
<a href="#">C 00535</a>	C	CUB	ED	2	1	1	27	23S	26E	567195	3571862*	1711	1903		
<a href="#">C 00367</a>	C	CUB	ED		3	2	28	23S	26E	566286	3571353*	2256	1909		
<a href="#">C 04449 POD1</a>	C	ED		2	1	4	14	23S	26E	569582	3574424	2872	251	230	21
<a href="#">C 04201 POD1</a>	C	ED		4	4	2	14	23S	26E	569626	3574546	2953	255	110	145

Average Depth to Water: **185 feet**  
 Minimum Depth: **70 feet**  
 Maximum Depth: **265 feet**

**Record Count:** 14

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 566850.11

**Northing (Y):** 3573538.18

**Radius:** 3000

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
C	03238	4	4	4	15	23S	26E	568408	3573714*

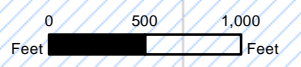
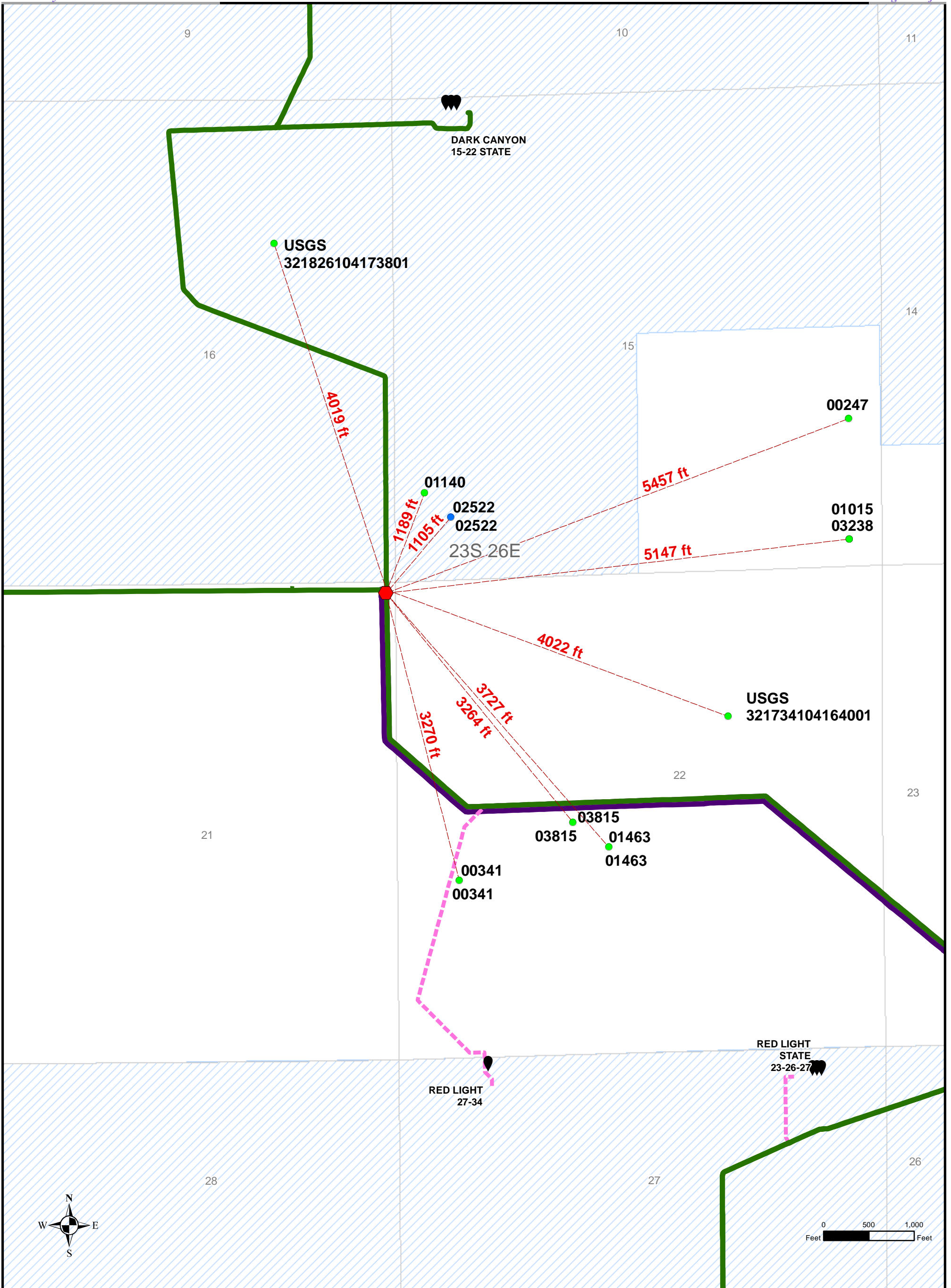
<b>Driller License:</b> 1348	<b>Driller Company:</b> TAYLOR WATER WELL SERVICE		
<b>Driller Name:</b>			
<b>Drill Start Date:</b> 10/17/2005	<b>Drill Finish Date:</b> 12/28/2005	<b>Plug Date:</b>	
<b>Log File Date:</b> 01/23/2006	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow	
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 60 GPM	
<b>Casing Size:</b> 6.00	<b>Depth Well:</b> 323 feet	<b>Depth Water:</b> 245 feet	

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	311	319	Limestone/Dolomite/Chalk

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	303	323

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



**DARK CANYON SPILL - DEC 2020**  
EDDY COUNTY, NEW MEXICO

- |                                 |                                      |
|---------------------------------|--------------------------------------|
| <b>3BE BI-DIRECTIONAL WATER</b> | DARK CANYON SPILL                    |
| 6" FLEXSTEEL                    | WELL LOCATION                        |
| 8" FLEXSTEEL                    | WELL LOCATION (APPROXIMATE LOCATION) |
| FUT 6" FLEXSTEEL                | 3BEAR OPERATED SWD                   |
| FUTURE TBD" GATHERING           | 3BEAR CONNECTED/3RD PARTY SWD        |
|                                 | RECEIPT POINT                        |
|                                 | BLM LAND                             |
|                                 | STATE LAND                           |

**LOCATION MAP**



PREPARED FOR:



PREPARED BY:



DATE: 12/28/2020

FILE: 3Bear Dark Canyon Spill Dec 2020

Ignore Delete Reply Reply All Forward Meeting More -

LINKS To Manage Done Create New

Team Email

Reply & Delete

Quick Steps

Rules OneNote Actions

Mark Unread

Categorize


Follow Up

Translate

Find Related Select

Zoom Insights

Tue 7/5/2021 7:58 AM

 Travis Glenn <[travis.glenn@outlook.com](mailto:travis.glenn@outlook.com)>

RE: Water Level Data C-02522

To: Liz Klein

You forwarded this message on 1/3/2021 8:23 AM.

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Liz,

That well was an existing water well we used on 5/8/1997. At that time the water level was at 304'. I do not have any other data for it.

Thanks Travis

**From:** Liz Klein <[klein@3bearllc.com](mailto:klein@3bearllc.com)>  
**Sent:** Monday, January 4, 2021 11:22 AM  
**To:** [travis.glenn@outlook.com](mailto:travis.glenn@outlook.com)  
**Subject:** Water Level Data C-02522

Attached is a copy of the information on the New Mexico State Engineer's Office site on well C-02522 for one of your wells. As we discussed we are trying to get groundwater level data in the vicinity of our remediation site (Section 21, T23S, R26E). If you have any water level information that was obtained during the drilling of the well that you could forward that would be great. Or if you have a current groundwater level of that well that would also be very helpful. The New Mexico OCD has requested that we find groundwater level data from the general area of our remediation project.

Please let me know if you have any questions. Really appreciate your time and help.

Thank you.

**Liz Klein**  
 3Bear Energy, LLC  
 303-882-4404 (C)  
[klein@3bearllc.com](mailto:klein@3bearllc.com)  
 1512 Larmer Street, Suite 540  
 Denver, CO 80202



**From:** Liz Klein  
**To:** Hamlet, Robert, EMNRD  
**Cc:** Bratcher, Mike, EMNRD; Eads, Cristina, EMNRD  
**Bcc:** Mike Solomon; Scott Spicher  
**Subject:** RE: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903  
**Date:** Tuesday, January 5, 2021 8:37:00 AM  
**Attachments:** [C02522 BNRIS.pdf](#)  
**Importance:** High

Below is an email from Glenn's Water Well Service. Glenn's Water Well Service drilled the well in 1997 and below indicates that the water level in 1997 was 304'. This well is within 1/2 mile of our site and the data is less than 25 years old. I would like to proceed with using this information for the remediation plan. And will submit the plan today.

Please let me know if you have any concerns or questions.

Thank you.

Liz  
 303-882-4404

RE: Water Level Data C-02522 - Message (HTML)

Tue 1/5/2021 7:50 AM

Travis Glenn <travis.glenn@outlook.com>  
 RE: Water Level Data C-02522

You forwarded this message on 1/5/2021 8:23 AM

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Liz,  
 That well was an existing water well we used on 5/8/1997.  
 At that time the water level was at 304'.  
 I do not have any other data for it.  
 Thanks Travis

**From:** Liz Klein <lklein@3bearllc.com>  
**Sent:** Monday, January 4, 2021 11:22 AM  
**To:** travis.glenn@outlook.com  
**Subject:** Water Level Data C-02522

Attached is a copy of the information on the New Mexico State Engineer's Office site on well C-02522 for one of your wells. As we discussed we are trying to get groundwater level data in the vicinity of our remediation site (Section 21, T23S, R26E). If you have any water level information that was obtained during the drilling of the well that you could forward that would be great. Or if you have a current groundwater level of that well that would also be very helpful. The New Mexico OCD has requested that we find groundwater level data from the general area of our remediation project.

Please let me know if you have any questions. Really appreciate your time and help.

Thank you.

**Liz Klein**  
 3Bear Energy, LLC  
 703-882-4404 (C)  
[lklein@3bearllc.com](mailto:lklein@3bearllc.com)  
 1512 Laras Street, Suite 340  
 Denver, CO 80202

**From:** Hamlet, Robert, EMNRD [mailto:Robert.Hamlet@state.nm.us]  
**Sent:** Monday, January 4, 2021 8:30 AM  
**To:** Liz Klein <lklein@3bearllc.com>  
**Cc:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>  
**Subject:** RE: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Liz,

There are 2 wells that are less than 1/2 mile (2,640 feet) from the release location. C01140 has a recorded year of 1963, which is older than 25 years. C02522 doesn't have an accompanying fluid level recorded. The two options are to shoot a static fluid level on one of the wells if they haven't been P&A'd or to drill a borehole. Please, let us know your decision.

**Robert Hamlet** • Environmental Eng. Tech. III  
 Environmental Bureau  
 EMNRD - Oil Conservation Division  
 811 S. First Street | Artesia, NM 88210  
 505.748.1283 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnr.state.nm.us/OCD/>



**From:** Liz Klein <lklein@3bearllc.com>  
**Sent:** Thursday, December 31, 2020 8:00 AM  
**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>  
**Cc:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>  
**Subject:** [EXT] RE: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

Please let me know if you're available for a call to discuss. Thanks, Liz

**From:** Liz Klein  
**Sent:** Monday, December 28, 2020 11:59 AM  
**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>  
**Cc:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>  
**Subject:** RE: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903  
**Importance:** High

I respectfully submit the following groundwater information for consideration related to the Dark Canyon Spill location groundwater level. We understand that the OCD 2019 guidance (*Procedures for Implementation of the Spill Rule (19.15.29 NMAC)*) outlines that it is preferable that the means to determining depth to groundwater are within 1/2 mile of the release and that the water level information is no more than 25 years old. However, the historic and current water well information for the general vicinity, less than one mile of the spill location both up and down gradient, indicates a localized groundwater level of more than 200' in depth. As such we are requesting a case by case review to determine if the information below information is acceptable. I also spoke to Talon and they do not believe they will be able to drill to 51' due to the cobble and rejection they have encountered. Based on this information 3Bear requests that the remediation plan be submitted based on the groundwater data below and the criteria you outlined in your email dated December 21, 2020.

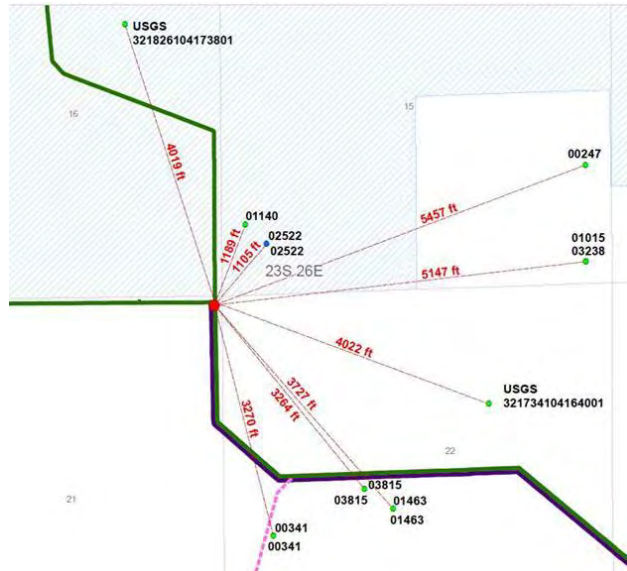
Please let me know if this data is acceptable and that a borehole will not be required. I can forward the relevant information for each well and/or include in the remediation plan.

Thank you for your prompt review of this information.

**Liz Klein**  
 Director, EHS Regulatory Compliance  
 3Bear Energy, LLC  
 303-882-4404 (C)  
[klein@3bearllc.com](mailto:klein@3bearllc.com)  
 1512 Larimer Street, Suite 540  
 Denver, CO 80202



Well Number	Depth Well (feet)	Depth Water (feet)	Distance to Site (feet)	Year of Record
C 02522	325		1105	1997
C 01140	325	310	1189	1963
C 00341	1881	280 - 290	3270	1952
C 01463	295	265	3727	1971
USGS 3218		255.9	4019	1987
USGS 3217		230.2	4022	1956
C 01015	318	245	5147	1961
C 03238	323	245	5147	2005
C 00247	315	255	5457	1952
C 03815	400		3264	2015



**From:** Liz Klein  
**Sent:** Monday, December 21, 2020 2:27 PM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>  
**Cc:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Eads, Cristina, EMNRD <[Cristina.Eads@state.nm.us](mailto:Cristina.Eads@state.nm.us)>  
**Subject:** Re: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

Thank you. I'll double check but thought the well info was less than 25 years old (1997) and less than a 1/2 mile from the site.

Get [Outlook for iOS](#)

**From:** Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>  
**Sent:** Monday, December 21, 2020 2:03:59 PM  
**To:** Liz Klein <[klein@3bearllc.com](mailto:klein@3bearllc.com)>  
**Cc:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Eads, Cristina, EMNRD <[Cristina.Eads@state.nm.us](mailto:Cristina.Eads@state.nm.us)>  
**Subject:** RE: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Liz,

When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. In the pasture area, 4 feet below the ground surface, soil contamination limits revert back to Table 1 "Closure Criteria for Soils Impacted by a Release" included in the spill rule.

A borehole will need to be completed down to 51' below ground surface to make a groundwater determination. If no groundwater is found, the release would need to be delineated/excavated to 10,000 mg/kg for chlorides. It looks like you have delineated/excavated the release for chlorides to 10,000 mg/kg.

After the borehole has been completed, upload the newly updated remediation plan to the payment portal including the 2 variance requests and the borehole drillers log. If the borehole doesn't show groundwater in the top 50' and the site characterization is complete, we can review the two variances in the remediation plan and finalize a decision.

I understand this is a deep excavation and will need to be expedited. Please, send me the P.O. Number of the remediation plan once it's been uploaded to the payment portal and I will try to review it as quickly as possible.

Please let me know if you have any further questions.

Regards,

**Robert Hamlet** • Environmental Eng. Tech. III  
Environmental Bureau  
EMNRD - Oil Conservation Division  
811 S. First Street | Artesia, NM 88210  
505.748.1283 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>




---

**From:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>  
**Sent:** Monday, December 21, 2020 9:55 AM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>  
**Subject:** FW: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

---

**From:** Liz Klein <[lklein@3bearllc.com](mailto:lklein@3bearllc.com)>  
**Sent:** Friday, December 18, 2020 3:41 PM  
**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>  
**Subject:** [EXT] 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

3Bear Energy requests review and approval of a liner variance for the Dark Canyon Produced Water Spill (NRM2034257903) that occurred on November 20<sup>th</sup>, 2020. After characterization of the area, 3Bear proposes to leave soils in place that have chloride concentrations of greater than 600 mg/kg chloride. As outlined in the example in OCD guidance dated September 6, 2019 Section V Liners Require a Variance; *After removal of contaminated soils from the uppermost four feet in an area where the depth to groundwater is between 51 and 100 feet the responsible party wishes to install a synthetic liner atop soils with a chloride concentration greater than 10,000 mg/kg and then backfill.* 3Bear has excavated all saturated soils which varied in depth from 6' to 24' and requests approval to install a synthetic liner. The soils that will be left in place below the liner have chloride concentrations between 0 and 7,200 mg/kg based on sampling to date (see attached Data Table Site Boring Results). The sampling by Talon has indicated that TPH, and BTEX are not analytes of concern for this event (please see attached laboratory report). The groundwater research indicates that the depth to groundwater in the near vicinity is 210', see attached reference groundwater information provided.

As discussed, due to boring refusals encountered at 18 to 24' bgs because of the presence of a cobble layer and attempts to test trench the impacted area to depths greater than 24' bgs no additional samples could be taken. Due to the cobble encountered and the "cave-in" of the trenches due to soil instability the area became too unstable to trench safely at greater depths. Additionally, as the trenching moved to the south a hardpan layer was encountered which indicates that vertical migration should not occur past that depth.

Based on the site characterization; we are respectfully requesting a variance to install and seat a liner at a depth of 6' bgs. which would be at a depth below the existing infrastructure to prevent any leaching. We will collect composite confirmation soil samples of the current bottom of the excavated area to document chloride levels left in place, as well as sidewall samples in conformance with the NMOCD sampling guidance in Section VII Closure Sampling Plans (September 6, 2019 Guidance). The characteristics of the site indicate that groundwater has not been impacted and the placement of a liner will prevent any potential surface water from reaching the soils greater than 600 mg/kg so no leaching will occur.

We are also requesting permission for these composite samples to only be analyzed for chlorides. The sampling by Talon has indicated that TPH, and BTEX are not analytes of concern for this event.

Due to the depth of the excavation we are concerned with both potential safety and environmental impacts of leaving the excavation open and would like to place the liner as soon as possible to reduce the safety and environmental risks associated with an open excavation. The approval of the variance will provide equal or better protection of groundwater, public health and the environment.

Please let me know if you have any questions or need additional information. 3Bear appreciates the NMOCD's continued coordination and communication on this remediation.

Thank you.

**Liz Klein**  
Director, EHS Regulatory Compliance  
3Bear Energy, LLC  
303-882-4404 (C)  
[lklein@3bearllc.com](mailto:lklein@3bearllc.com)  
1512 Larimer Street, Suite 540  
Denver, CO 80202





Amarillo, TX - Artesia, NM  
Midland, TX - Oklahoma City, OK  
San Antonio, TX - Fort Collins, CO

### BORING LOG

Boring Number: B-1	Job Number: 702958.001.02	Driller/Co.: Talon/LPE Tom Evans
Site Name: Dark Canyon	LPST #	Logger: Tom Evans
Location: Carlsbad, NM	Weather:	Bit Size: 5 7/8"
Date: 3/8 - 3/10	Sample Retrieval Method: Grab	Rig Type: Reschdrill
		Drilling Method: Mud Rotary

Time	Sample Number	Sample Interval (ft)	Sample Recovery (ft)	USCS	Sample Material/Comments (include composition, moisture, hardness, grain size, color)	ODOR	PID (ppm)
		0-18'			Gravelly Loam		
		18-25'			Hard Gravels/Cobbles		
		25-50'			Hard Pan (shale)		
		50-51'			Gravels		



# APPENDIX III

## C-141 Forms

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NRM2034257903
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: 3 Bear Delaware Operating – NM, LLC	OGRID: 372603
Contact Name: Liz Klein	Contact Telephone: (303) 882-4404
Contact email: lklein@3bearllc.com	Incident # (assigned by OCD)
Contact mailing address 1512 Larimer St. Suite 540, Denver, CO 80202	

### Location of Release Source

Latitude 32.296589 Longitude -104.289958  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name: Dark Canyon Valve Set	Site Type: Valve Set
Date Release Discovered: 11/20/2020	API# (if applicable):

Unit Letter	Section	Township	Range	County
A	21	23S	26E	Eddy

Surface Owner:  State  Federal  Tribal  Private

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 4,000 bbls	Volume Recovered (bbls) estimated approximately 4000 bbls, based on volume of all saturated soils removed
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Pipe failure. Investigating cause of failure. Pipe being sent to laboratory for analysis.

State of New Mexico  
 Oil Conservation Division

Page 2

Incident ID	NRM2034257903
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Because the spill was greater than 25 bbls in volume this incident is considered a major release.
---	---

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  
 Initial notification was given by voicemail and email by Elisabeth Klein, 3Bear Energy, on 11/20/2020 to Mike Bratcher, District 2 and [emnrd-ocd-district2spills@state.nm.us](mailto:emnrd-ocd-district2spills@state.nm.us).

### Initial Response

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

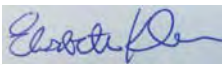
<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes,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

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

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Elisabeth Klein Title: Director, EHS Regulatory Compliance

Signature:  Date: 11/27/2020

email: lklein@3bearllc.com Telephone: (303) 882-4404

**OCD Only**

Received by: Ramona Marcus Date: 12/7/2020

Incident ID	NRM2034257903
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	230 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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



State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NRM2034257903
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Elisabeth Klein Title: Director, EHS

Signature:  Date: 4/26/2021

email: klein@3bearllc.com Telephone: 303-882-4404

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NRM2034257903
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

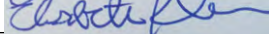
- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Elisabeth Klein Title: Director, EHS

Signature:  Date: 4/26/2021

email: lklein@3bearllc.com Telephone: 303-882-4404

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NRM2034257903
District RP	
Facility ID	
Application ID	

## Closure

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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Elisabeth Klein Title: Director, EHS

Signature:  Date: 4/26/2021

email: lklein@3bearllc.com Telephone: 303-882-4404

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



# APPENDIX IV

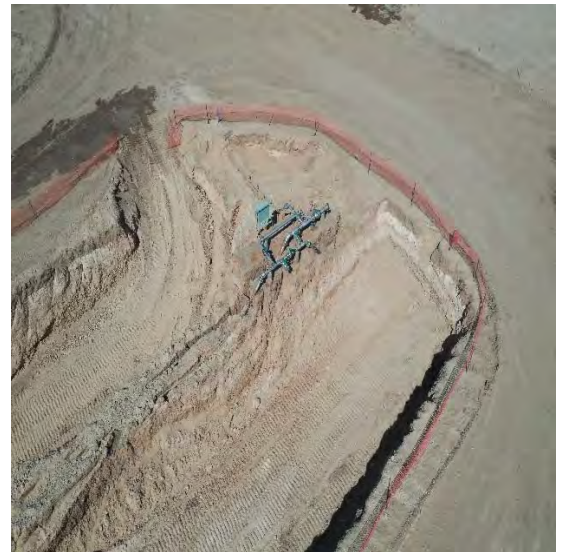
# PHOTOGRAPHIC DOCUMENTATION



**PHOTO DOCUMENTATION**  
**Excavation**



Excavation @ Source



Excavation N. End



Aerial of entire excavated area



Preparation under lines for liner install



Liner install under lines



Liner Install at Source

Remediation Activity



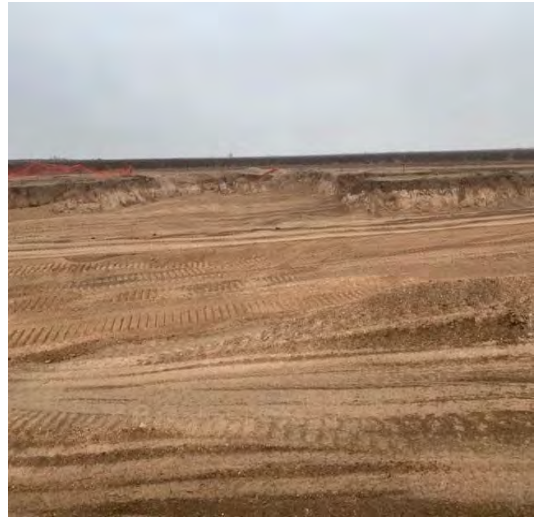
Liner under lines midway



Liner Installation Midway-Complete



Backfill @ Source



Backfill @ Center



Backfill @ Source to grade

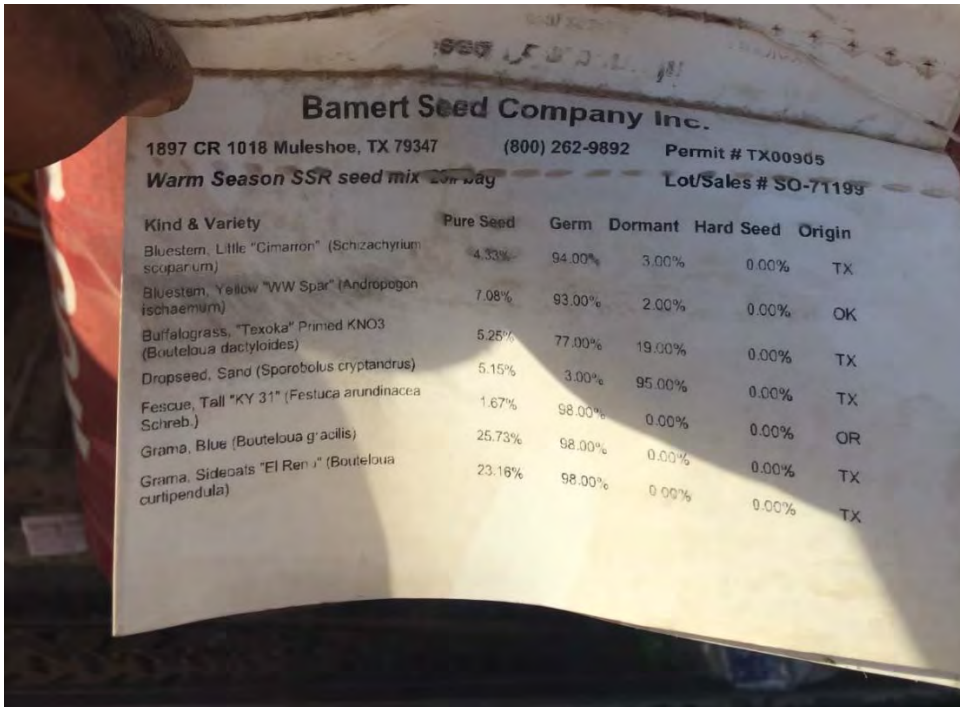


Backfill @ Center to grade

Backfill and Seeding Complete



Backfilled to grade



Seed Tag





# APPENDIX V

# CORRESPONDENCE

**Rebecca Pons**

**From:** Liz Klein <lklein@3bearllc.com>  
**Sent:** Tuesday, December 29, 2020 8:59 AM  
**To:** Rebecca Pons  
**Subject:** FW: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

This message originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

**From:** Hamlet, Robert, EMNRD [mailto:Robert.Hamlet@state.nm.us]  
**Sent:** Monday, December 21, 2020 2:04 PM  
**To:** Liz Klein <lklein@3bearllc.com>  
**Cc:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>  
**Subject:** RE: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Liz,

When nearby wells are used to determine depth to groundwater, the wells should be no further than 1/2 mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. In the pasture area, 4 feet below the ground surface, soil contamination limits revert back to Table 1 "Closure Criteria for Soils Impacted by a Release" included in the spill rule.

A borehole will need to be completed down to 51' below ground surface to make a groundwater determination. If no groundwater is found, the release would need to be delineated/excavated to 10,000 mg/kg for chlorides. It looks like you have delineated/excavated the release for chlorides to 10,000 mg/kg.

After the borehole has been completed, upload the newly updated remediation plan to the payment portal including the 2 variance requests and the borehole drillers log. If the borehole doesn't show groundwater in the top 50' and the site characterization is complete, we can review the two variances in the remediation plan and finalize a decision.

I understand this is a deep excavation and will need to be expedited. Please, send me the P.O. Number of the remediation plan once it's been uploaded to the payment portal and I will try to review it as quickly as possible.

Please let me know if you have any further questions.

Regards,

**Robert Hamlet** • Environmental Eng. Tech. III  
Environmental Bureau  
EMNRD - Oil Conservation Division  
811 S. First Street | Artesia, NM 88210  
505.748.1283 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>



**From:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>  
**Sent:** Monday, December 21, 2020 9:55 AM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>  
**Subject:** FW: 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

**From:** Liz Klein <[lklein@3bearllc.com](mailto:lklein@3bearllc.com)>  
**Sent:** Friday, December 18, 2020 3:41 PM  
**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>  
**Subject:** [EXT] 3Bear Expedited Liner Variance Request - Dark Canyon Spill NRM2034257903

3Bear Energy requests review and approval of a liner variance for the Dark Canyon Produced Water Spill (NRM2034257903) that occurred on November 20<sup>th</sup>, 2020. After characterization of the area, 3Bear proposes to leave soils in place that have chloride concentrations of greater than 600 mg/kg chloride. As outlined in the example in OCD guidance dated September 6, 2019 Section V Liners Require a Variance; *After removal of contaminated soils from the uppermost four feet in an area where the depth to groundwater is between 51 and 100 feet the responsible party wishes to install a synthetic liner atop soils with a chloride concentration greater than 10,000 mg/kg and then backfill.* 3Bear has excavated all saturated soils which varied in depth from 6' to 24' and requests approval to install a synthetic liner. The soils that will be left in place below the liner have chloride concentrations between 0 and 7,200 mg/kg based on sampling to date (see attached Data Table Site Boring Results). The sampling by Talon has indicated that TPH, and BTEX are not analytes of concern for this event (please see attached laboratory report). The groundwater research indicates that the depth to groundwater in the near vicinity is 210', see attached reference groundwater information provided.

As discussed, due to boring refusals encountered at 18 to 24' bgs because of the presence of a cobble layer and attempts to test trench the impacted area to depths greater than 24' bgs no additional samples could be taken. Due to the cobble encountered and the "cave-in" of the trenches due to soil instability the area became too unstable to trench safely at greater depths. Additionally, as the trenching moved to the south a hardpan layer was encountered which indicates that vertical migration should not occur past that depth.

Based on the site characterization; we are respectfully requesting a variance to install and seat a liner at a depth of 6' bgs. which would be at a depth below the existing infrastructure to prevent any leaching. We will collect composite confirmation soil samples of the current bottom of the excavated area to document chloride levels left in place, as well as sidewall samples in conformance with the NMOCD sampling guidance in Section VII Closure Sampling Plans (September 6, 2019 Guidance). The characteristics of the site indicate that groundwater has not been impacted and the placement of a liner will prevent any potential surface water from reaching the soils greater than 600 mg/kg so no leaching will occur.

We are also requesting permission for these composite samples to only be analyzed for chlorides. The sampling by Talon has indicated that TPH, and BTEX are not analytes of concern for this event.

Due to the depth of the excavation we are concerned with both potential safety and environmental impacts of leaving the excavation open and would like to place the liner as soon as possible to reduce the safety and environmental risks

associated with an open excavation. The approval of the variance will provide equal or better protection of groundwater, public health and the environment.

Please let me know if you have any questions or need additional information. 3Bear appreciates the NMOCD's continued coordination and communication on this remediation.

Thank you.

**Liz Klein**  
Director, EHS Regulatory Compliance  
3Bear Energy, LLC  
303-882-4404 (C)  
[lklein@3bearllc.com](mailto:lklein@3bearllc.com)  
1512 Larimer Street, Suite 540  
Denver, CO 80202



**From:** Hamlet, Robert, EMNRD [<mailto:Robert.Hamlet@state.nm.us>]  
**Sent:** Tuesday, January 26, 2021 1:51 PM  
**To:** Liz Klein <[lklein@3bearllc.com](mailto:lklein@3bearllc.com)>  
**Cc:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Eads, Cristina, EMNRD <[Cristina.Eads@state.nm.us](mailto:Cristina.Eads@state.nm.us)>  
**Subject:** RE: Review Requested: Work Plan Dark Canyon Spill NRM2034257903

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Liz,

Sorry I haven't got back to you sooner, we have been doing a lot of training the last few weeks. I reviewed the Glenn's Water Well Service AAUW and only see an Approximate depth of 325'. The information in the email from Travis Glenn is only him saying that the water level depth was 304'. The OCD needs scientific data collected from a verifiable source. At this point, we can't accept the groundwater depth determination that 3Bear has provided to us.

The bottom samples at each sample location appear to be under 10,000 mg/kg. It appears that the site could be vertically delineated with a shallow borehole to 51' to allow for verification of the depth. If water is not visible after reaching bottom-hole and waiting 72 hours, we would accept the results. We would just need a copy of the driller's log. Showing scientific proof that there is no groundwater within the top 50' of material is imperative in this release. If the borehole proves no groundwater in the top 50", we would be willing to allow 3Bear to backfill the excavation to 4' below ground surface with clean material, install a liner, then backfill to surface with clean material, contour/repair surface to previous condition. Additionally, please make sure the release is horizontally delineated to 600 mg/kg on the edges. Visual identification isn't evidence of the edge of a spill, only soil samples under 600 mg/kg for chlorides.

Please, keep us informed if you intend to drill a borehole.

Regards,

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
811 S. First Street | Artesia, NM 88210  
505.748.1283 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>





# APPENDIX VI

## Seed Tag

# Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

Warm Season SSR seed mix 20% Day

Lot/Sales # SO-71199

Kind & Variety	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	4.33%	94.00%	3.00%	0.00%	TX
Bluestem, Yellow "WW Spar" (Andropogon ischaemum)	7.08%	93.00%	2.00%	0.00%	OK
Buffalograss, "Texoka" Primed KNO3 (Bouteloua dactyloides)	5.25%	77.00%	19.00%	0.00%	TX
Dropseed, Sand (Sporobolus cryptandrus)	5.15%	3.00%	95.00%	0.00%	TX
Fescue, Tall "KY 31" (Festuca arundinacea Schreb.)	1.67%	98.00%	0.00%	0.00%	TX
Grama, Blue (Bouteloua gracilis)	25.73%	98.00%	0.00%	0.00%	OR
Grama, Sideoats "El Reno" (Bouteloua curtipendula)	23.16%	98.00%	0.00%	0.00%	TX
			0.00%	0.00%	TX



## APPENDIX VII

# Laboratory Data





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

March 19, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2103745

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 67 sample(s) on 3/16/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-001 **Collection Date:** 3/15/2021 9:00:00 AM  
**Client Sample ID:** W-1 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	440	60		mg/Kg	20	3/16/2021 9:26:31 PM	58751

**Lab ID:** 2103745-002 **Collection Date:** 3/15/2021 9:03:00 AM  
**Client Sample ID:** W-2 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	680	59		mg/Kg	20	3/16/2021 10:03:44 PM	58751

**Lab ID:** 2103745-003 **Collection Date:** 3/15/2021 9:06:00 AM  
**Client Sample ID:** W-3 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	970	59		mg/Kg	20	3/16/2021 10:16:09 PM	58751

**Lab ID:** 2103745-004 **Collection Date:** 3/15/2021 9:09:00 AM  
**Client Sample ID:** W-4 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1200	59		mg/Kg	20	3/16/2021 10:28:33 PM	58751

**Lab ID:** 2103745-005 **Collection Date:** 3/15/2021 9:12:00 AM  
**Client Sample ID:** W-5 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	620	61		mg/Kg	20	3/16/2021 10:40:57 PM	58751

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-006 **Collection Date:** 3/15/2021 9:15:00 AM  
**Client Sample ID:** W-6 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	470	60		mg/Kg	20	3/16/2021 10:53:22 PM	58751

**Lab ID:** 2103745-007 **Collection Date:** 3/15/2021 9:18:00 AM  
**Client Sample ID:** W-7 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	890	60		mg/Kg	20	3/16/2021 11:05:47 PM	58751

**Lab ID:** 2103745-008 **Collection Date:** 3/15/2021 9:21:00 AM  
**Client Sample ID:** W-8 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	970	60		mg/Kg	20	3/16/2021 11:43:00 PM	58755

**Lab ID:** 2103745-009 **Collection Date:** 3/15/2021 9:24:00 AM  
**Client Sample ID:** W-9 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	690	60		mg/Kg	20	3/17/2021 12:45:03 AM	58755

**Lab ID:** 2103745-010 **Collection Date:** 3/15/2021 10:00:00 AM  
**Client Sample ID:** W-10 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1000	60		mg/Kg	20	3/17/2021 1:22:17 AM	58755

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103745

**Lab ID:** 2103745-011 **Collection Date:** 3/15/2021 10:03:00 AM

**Client Sample ID:** W-11 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1900	60		mg/Kg	20	3/17/2021 1:34:42 AM	58755

**Lab ID:** 2103745-012 **Collection Date:** 3/15/2021 10:06:00 AM

**Client Sample ID:** W-12 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1200	60		mg/Kg	20	3/17/2021 1:47:06 AM	58755

**Lab ID:** 2103745-013 **Collection Date:** 3/15/2021 10:09:00 AM

**Client Sample ID:** W-13 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1400	60		mg/Kg	20	3/17/2021 1:59:31 AM	58755

**Lab ID:** 2103745-014 **Collection Date:** 3/15/2021 10:12:00 AM

**Client Sample ID:** W-14 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1600	59		mg/Kg	20	3/17/2021 2:11:56 AM	58755

**Lab ID:** 2103745-015 **Collection Date:** 3/15/2021 10:15:00 AM

**Client Sample ID:** W-15 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1200	60		mg/Kg	20	3/17/2021 2:49:09 AM	58755

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-016 **Collection Date:** 3/15/2021 10:18:00 AM  
**Client Sample ID:** W-16 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1600	60		mg/Kg	20	3/17/2021 3:01:34 AM	58755

**Lab ID:** 2103745-017 **Collection Date:** 3/15/2021 10:21:00 AM  
**Client Sample ID:** W-17 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	2100	59		mg/Kg	20	3/17/2021 3:13:58 AM	58755

**Lab ID:** 2103745-018 **Collection Date:** 3/15/2021 10:24:00 AM  
**Client Sample ID:** W-18 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1800	61		mg/Kg	20	3/17/2021 3:26:23 AM	58755

**Lab ID:** 2103745-019 **Collection Date:** 3/15/2021 11:05:00 AM  
**Client Sample ID:** W-19 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1700	60		mg/Kg	20	3/17/2021 3:38:47 AM	58755

**Lab ID:** 2103745-020 **Collection Date:** 3/15/2021 11:08:00 AM  
**Client Sample ID:** W-20 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1300	60		mg/Kg	20	3/17/2021 3:51:12 AM	58755

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-021 **Collection Date:** 3/15/2021 11:11:00 AM

**Client Sample ID:** W-21 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	900	60		mg/Kg	20	3/17/2021 4:03:36 AM	58755
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**Lab ID:** 2103745-022 **Collection Date:** 3/15/2021 11:14:00 AM

**Client Sample ID:** W-22 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	960	59		mg/Kg	20	3/17/2021 4:16:00 AM	58755
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**Lab ID:** 2103745-023 **Collection Date:** 3/15/2021 11:17:00 AM

**Client Sample ID:** W-23 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	1000	60		mg/Kg	20	3/17/2021 4:28:25 AM	58755
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**Lab ID:** 2103745-024 **Collection Date:** 3/15/2021 11:20:00 AM

**Client Sample ID:** W-24 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	1700	61		mg/Kg	20	3/17/2021 4:40:49 AM	58755
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**Lab ID:** 2103745-025 **Collection Date:** 3/15/2021 11:23:00 AM

**Client Sample ID:** W-25 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	2000	60		mg/Kg	20	3/17/2021 5:18:03 AM	58755
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-026 **Collection Date:** 3/15/2021 11:26:00 AM  
**Client Sample ID:** W-26 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2100	60		mg/Kg	20	3/17/2021 5:30:28 AM	58755

**Lab ID:** 2103745-027 **Collection Date:** 3/15/2021 11:29:00 AM  
**Client Sample ID:** W-27 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	3500	150		mg/Kg	50	3/18/2021 8:23:59 AM	58755

**Lab ID:** 2103745-028 **Collection Date:** 3/15/2021 12:05:00 PM  
**Client Sample ID:** W-28 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1500	60		mg/Kg	20	3/17/2021 5:58:05 PM	58759

**Lab ID:** 2103745-029 **Collection Date:** 3/15/2021 12:08:00 PM  
**Client Sample ID:** W-29 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	740	60		mg/Kg	20	3/17/2021 6:35:18 PM	58759

**Lab ID:** 2103745-030 **Collection Date:** 3/15/2021 12:11:00 PM  
**Client Sample ID:** W-30 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1100	61		mg/Kg	20	3/17/2021 7:12:31 PM	58759

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

## Analytical Report

Lab Order: 2103745

Date Reported: 3/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-031 **Collection Date:** 3/15/2021 12:14:00 PM  
**Client Sample ID:** W-31 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1200	61		mg/Kg	20	3/17/2021 7:49:44 PM	58759

**Lab ID:** 2103745-032 **Collection Date:** 3/15/2021 12:17:00 PM  
**Client Sample ID:** W-32 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1300	60		mg/Kg	20	3/17/2021 8:02:08 PM	58759

**Lab ID:** 2103745-033 **Collection Date:** 3/15/2021 12:20:00 PM  
**Client Sample ID:** W-33 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	640	61		mg/Kg	20	3/17/2021 8:14:32 PM	58759

**Lab ID:** 2103745-034 **Collection Date:** 3/15/2021 12:23:00 PM  
**Client Sample ID:** W-34 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	400	60		mg/Kg	20	3/17/2021 8:26:56 PM	58759

**Lab ID:** 2103745-035 **Collection Date:** 3/15/2021 12:26:00 PM  
**Client Sample ID:** W-35 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	450	60		mg/Kg	20	3/17/2021 8:39:20 PM	58759

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-036 **Collection Date:** 3/15/2021 12:29:00 PM  
**Client Sample ID:** W-36 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	890	60		mg/Kg	20	3/17/2021 8:51:45 PM	58759

**Lab ID:** 2103745-037 **Collection Date:** 3/15/2021 1:05:00 PM  
**Client Sample ID:** W-37 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	1000	61		mg/Kg	20	3/17/2021 9:04:10 PM	58759

**Lab ID:** 2103745-038 **Collection Date:** 3/15/2021 1:08:00 PM  
**Client Sample ID:** W-38 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	1200	60		mg/Kg	20	3/17/2021 9:16:35 PM	58759

**Lab ID:** 2103745-039 **Collection Date:** 3/15/2021 1:11:00 PM  
**Client Sample ID:** W-39 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	1200	60		mg/Kg	20	3/17/2021 9:29:00 PM	58759

**Lab ID:** 2103745-040 **Collection Date:** 3/15/2021 9:27:00 AM  
**Client Sample ID:** W.SW-1 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	260	59		mg/Kg	20	3/17/2021 9:41:24 PM	58759

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-041 **Collection Date:** 3/15/2021 9:30:00 AM  
**Client Sample ID:** W.SW-2 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	450	61		mg/Kg	20	3/17/2021 10:18:38 PM	58759

**Lab ID:** 2103745-042 **Collection Date:** 3/15/2021 9:33:00 AM  
**Client Sample ID:** W.SW-3 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	790	60		mg/Kg	20	3/17/2021 10:31:02 PM	58759

**Lab ID:** 2103745-043 **Collection Date:** 3/15/2021 9:36:00 AM  
**Client Sample ID:** W.SW-4 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	540	60		mg/Kg	20	3/17/2021 10:43:27 PM	58759

**Lab ID:** 2103745-044 **Collection Date:** 3/15/2021 9:39:00 AM  
**Client Sample ID:** W.SW-5 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	640	60		mg/Kg	20	3/17/2021 10:55:51 PM	58759

**Lab ID:** 2103745-045 **Collection Date:** 3/15/2021 9:42:00 AM  
**Client Sample ID:** W.SW-6 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	940	60		mg/Kg	20	3/17/2021 11:08:16 PM	58759

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103745

**Lab ID:** 2103745-046 **Collection Date:** 3/15/2021 10:27:00 AM  
**Client Sample ID:** W.SW-7 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	610	60		mg/Kg	20	3/17/2021 11:20:40 PM	58759

**Lab ID:** 2103745-047 **Collection Date:** 3/15/2021 10:30:00 AM  
**Client Sample ID:** W.SW-8 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	550	60		mg/Kg	20	3/17/2021 11:33:05 PM	58759

**Lab ID:** 2103745-048 **Collection Date:** 3/15/2021 10:33:00 AM  
**Client Sample ID:** W.SW-9 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	530	60		mg/Kg	20	3/18/2021 12:35:08 AM	58762

**Lab ID:** 2103745-049 **Collection Date:** 3/15/2021 10:36:00 AM  
**Client Sample ID:** W.SW-10 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	720	60		mg/Kg	20	3/18/2021 1:12:22 AM	58762

**Lab ID:** 2103745-050 **Collection Date:** 3/15/2021 10:39:00 AM  
**Client Sample ID:** W.SW-11 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	460	60		mg/Kg	20	3/18/2021 1:49:36 AM	58762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-051 **Collection Date:** 3/15/2021 10:42:00 AM  
**Client Sample ID:** W.SW-12 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	410	60		mg/Kg	20	3/18/2021 2:02:01 AM	58762

**Lab ID:** 2103745-052 **Collection Date:** 3/15/2021 11:32:00 AM  
**Client Sample ID:** W.SW-13 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	170	60		mg/Kg	20	3/18/2021 2:14:25 AM	58762

**Lab ID:** 2103745-053 **Collection Date:** 3/15/2021 11:35:00 AM  
**Client Sample ID:** W.SW-14 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	270	61		mg/Kg	20	3/18/2021 2:26:49 AM	58762

**Lab ID:** 2103745-054 **Collection Date:** 3/15/2021 11:38:00 AM  
**Client Sample ID:** W.SW-15 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	330	60		mg/Kg	20	3/18/2021 3:04:02 AM	58762

**Lab ID:** 2103745-055 **Collection Date:** 3/15/2021 11:41:00 AM  
**Client Sample ID:** W.SW-16 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	310	60		mg/Kg	20	3/18/2021 3:16:27 AM	58762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-056 **Collection Date:** 3/15/2021 11:44:00 AM  
**Client Sample ID:** W.SW-17 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	260	60		mg/Kg	20	3/18/2021 3:28:51 AM	58762

**Lab ID:** 2103745-057 **Collection Date:** 3/15/2021 11:47:00 AM  
**Client Sample ID:** W.SW-18 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	150	61		mg/Kg	20	3/18/2021 3:41:16 AM	58762

**Lab ID:** 2103745-058 **Collection Date:** 3/15/2021 11:50:00 AM  
**Client Sample ID:** W.SW-19 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	190	61		mg/Kg	20	3/18/2021 3:53:40 AM	58762

**Lab ID:** 2103745-059 **Collection Date:** 3/15/2021 12:32:00 PM  
**Client Sample ID:** W.SW-20 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	230	60		mg/Kg	20	3/18/2021 4:06:04 AM	58762

**Lab ID:** 2103745-060 **Collection Date:** 3/15/2021 12:35:00 PM  
**Client Sample ID:** W.SW-21 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	300	61		mg/Kg	20	3/18/2021 4:18:28 AM	58762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103745  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-061 **Collection Date:** 3/15/2021 12:38:00 PM  
**Client Sample ID:** W.SW-22 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	270	60		mg/Kg	20	3/18/2021 4:30:53 AM	58762

**Lab ID:** 2103745-062 **Collection Date:** 3/15/2021 12:41:00 PM  
**Client Sample ID:** W.SW-23 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	110	60		mg/Kg	20	3/18/2021 4:43:17 AM	58762

**Lab ID:** 2103745-063 **Collection Date:** 3/15/2021 12:44:00 PM  
**Client Sample ID:** W.SW-24 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	150	60		mg/Kg	20	3/18/2021 4:55:42 AM	58762

**Lab ID:** 2103745-064 **Collection Date:** 3/15/2021 12:46:00 PM  
**Client Sample ID:** W.SW-25 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	90	60		mg/Kg	20	3/18/2021 5:32:56 AM	58762

**Lab ID:** 2103745-065 **Collection Date:** 3/15/2021 1:14:00 PM  
**Client Sample ID:** W.SW-26 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	140	60		mg/Kg	20	3/18/2021 5:45:21 AM	58762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103745

Date Reported: 3/19/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103745

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103745-066

**Collection Date:** 3/15/2021 1:17:00 PM

**Client Sample ID:** W.SW-27 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	210	60		mg/Kg	20	3/18/2021 5:57:45 AM	58762
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**Lab ID:** 2103745-067

**Collection Date:** 3/15/2021 1:20:00 PM

**Client Sample ID:** W.SW-28 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	200	59		mg/Kg	20	3/18/2021 6:10:10 AM	58762
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103745

19-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-58751</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58751</b>	RunNo: <b>75982</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/16/2021</b>	SeqNo: <b>2689164</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58751</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58751</b>	RunNo: <b>75982</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/16/2021</b>	SeqNo: <b>2689165</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	90	110			

Sample ID: <b>MB-58755</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58755</b>	RunNo: <b>75982</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/16/2021</b>	SeqNo: <b>2689194</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58755</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58755</b>	RunNo: <b>75982</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/16/2021</b>	SeqNo: <b>2689195</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Sample ID: <b>MB-58759</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58759</b>	RunNo: <b>75989</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/17/2021</b>	SeqNo: <b>2690727</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58759</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58759</b>	RunNo: <b>75989</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/17/2021</b>	SeqNo: <b>2690728</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.9	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103745

19-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-58762</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58762</b>	RunNo: <b>75989</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/17/2021</b>	SeqNo: <b>2690757</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58762</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58762</b>	RunNo: <b>75989</b>								
Prep Date: <b>3/16/2021</b>	Analysis Date: <b>3/17/2021</b>	SeqNo: <b>2690758</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.7	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2103745 RcptNo: 1

Received By: Juan Rojas 3/16/2021 7:30:00 AM

Juan Rojas signature

Completed By: Cheyenne Cason 3/16/2021 7:57:49 AM

Reviewed By: SPA 3.16.21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: 50 3/16/21 (<2 or >12 unless noted) Adjusted? Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_
By Whom: \_\_\_\_\_ Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person
Regarding: \_\_\_\_\_
Client Instructions: \_\_\_\_\_

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Rows 1-3 with temperatures 2.0, 16.2, 2.4.



# Chain-of-Custody Record

Turn-Around Time:  
 Standard  **Rush 3-DAY**  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 Email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers: 3  
 Cooler Temp (including CF): *see checklist*

Container Type and #  
 Glass/1  
 Preservative Type  
 HEAL No.  
 2103745

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/15/2021	10:09	Soil	W-13 14'	Glass/1	Ice/Cool	013
	10:12		W-14 14'			014
	10:15		W-15 14'			015
	10:18		W-16 14'			016
	10:21		W-17 14'			017
	10:24		W-18 14'			018
	11:05		W-19 14'			019
	11:08		W-20 14'			020
	11:11		W-21 14'			021
	11:14		W-22 14'			022
	11:17		W-23 14'			023
	11:20		W-24 14'			024

C h i o r i d e s X

Received by: *[Signature]* Date: 3/15/21 Time: 1500  
 Relinquished by: *[Signature]* Date: 3/16/21 Time: 7:30

Received by: *[Signature]* Date: 3/16/21 Time: 7:30  
 Relinquished by: *[Signature]* Date: 3/16/21 Time: 7:30

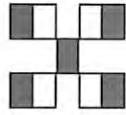
Remarks: PG 2 of 6

## Analysis Request



www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  
 Standard  **Rush 3-DAY**  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers: 3  
 Cooler Temp (including CP): See checklist

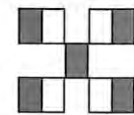
Chain-of-Custody Record  
 Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 Email or Fax#:  
 QA/QC Package:  Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/15/2021	11:23	Soil	W-25 14'	Glass/1	Ice/Cool	025
	11:26		W-26 14'			026
	11:29		W-27 14'			027
	12:05		W-28 14'			028
	12:08		W-29 14'			029
	12:11		W-30 14'			030
	12:14		W-31 14'			031
	12:17		W-32 14'			032
	12:20		W-33 14'			033
	12:23		W-34 14'			034 <i>End 3/16/21</i>
	12:26		W-35 14'			035
	12:29		W-36 14'			036

C h i o r i d e s

Remarks: PG 3 of 6

Received by: *[Signature]* Date: 3/15/21 1500  
 Relinquished by: *[Signature]* Date: 3/15/21 1900  
 Received by: *[Signature]* Date: 3/16/21 7:30  
 Relinquished by: *[Signature]* Date: 3/16/21 7:30



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

**Chain-of-Custody Record**

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 Email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-DAY  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers: 3  
 Cooler Temp (including CP): See Checklist

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/15/2021	1:05	Soil	W-37 14'	Glass/ 1	Ice/Cool	2103745
	1:08		W-38 14'			037
	1:11		W-39 14'			038
	9:27		W.SW-1 14'			039
	9:30		W.SW-2 14'			040
	9:33		W.SW-3 14'			041
	9:36		W.SW-4 14'			042
	9:39		W.SW-5 14'			043
	9:42		W.SW-6 14'			044
	10:27		W.SW-7 14'			045
	10:30		W.SW-8 14'			046
	10:33		W.SW-9 14'			047
						048

C h l o r i d e s X

Received by: [Signature] Date: 3/15/21 Time: 1:50  
 Relinquished by: [Signature]  
 Received by: [Signature] Date: 3/16/21 Time: 7:30  
 Relinquished by: [Signature]

Remarks: PG 4 of 6

# Chain-of-Custody Record

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 Email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-DAY  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers: 3  
 Cooler Temp (including CP): See Check 5/6T

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/15/2021	10:36	Soil	W.SW-10 14'	Glass/ 1	Ice/Cool	049
	10:39		W.SW-11 14'			050
	10:42		W.SW-12 14'			051
	11:32		W.SW-13 14'			052
	11:35		W.SW-14 14'			053
	11:38		W.SW-15 14'			054
	11:41		W.SW-16 14'			055
	11:44		W.SW-17 14'			056
	11:47		W.SW-18 14'			057
	11:50		W.SW-19 14'			058
	12:32		W.SW-20 14'			059
	12:35		W.SW-21 14'			060

Date: 5/24 Time: 1500 Relinquished by: [Signature]  
 Date: 5/24 Time: 1900 Relinquished by: [Signature]  
 Received by: [Signature] Date: 5/24 Time: 1500  
 Received by: [Signature] Date: 5/24 Time: 1900



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

C	h	i	o	r	i	d	e	s	X
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Remarks: PG 5 of 6







Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

March 24, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX:

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2103886

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 82 sample(s) on 3/18/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-40 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:00:00 AM

**Lab ID:** 2103886-001

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1200	60		mg/Kg	20	3/19/2021 10:57:14 PM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-41 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:03:00 AM

**Lab ID:** 2103886-002

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2100	60		mg/Kg	20	3/19/2021 11:34:27 PM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-42 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:06:00 AM

**Lab ID:** 2103886-003

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1300	60		mg/Kg	20	3/20/2021 12:36:29 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-43 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:09:00 AM

**Lab ID:** 2103886-004

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1600	60		mg/Kg	20	3/20/2021 12:48:53 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-44 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:12:00 AM

**Lab ID:** 2103886-005

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1400	60		mg/Kg	20	3/20/2021 1:01:18 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-45 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:15:00 AM

**Lab ID:** 2103886-006

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	2500	150		mg/Kg	50	3/22/2021 2:54:34 PM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-46 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:18:00 AM

**Lab ID:** 2103886-007

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2300	60		mg/Kg	20	3/20/2021 1:26:07 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-47 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:21:00 AM

**Lab ID:** 2103886-008

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1300	60		mg/Kg	20	3/20/2021 1:38:31 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-48 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:24:00 AM

**Lab ID:** 2103886-009

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1500	60		mg/Kg	20	3/20/2021 1:50:56 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-49 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:00:00 AM

**Lab ID:** 2103886-010

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	950	61		mg/Kg	20	3/20/2021 2:03:20 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-50 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:03:00 AM

**Lab ID:** 2103886-011

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1500	59		mg/Kg	20	3/20/2021 2:40:34 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-51 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:06:00 AM

**Lab ID:** 2103886-012

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	5100	150		mg/Kg	50	3/22/2021 3:06:58 PM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-52 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:09:00 AM

**Lab ID:** 2103886-013

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3400	150		mg/Kg	50	3/21/2021 5:31:27 PM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-53 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:12:00 AM

**Lab ID:** 2103886-014

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2500	150		mg/Kg	50	3/21/2021 5:43:51 PM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-54 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:15:00 AM

**Lab ID:** 2103886-015

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2600	150		mg/Kg	50	3/21/2021 5:56:16 PM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-55 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:18:00 AM

**Lab ID:** 2103886-016

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2300	60		mg/Kg	20	3/20/2021 3:42:37 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-56 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:21:00 AM

**Lab ID:** 2103886-017

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1100	60		mg/Kg	20	3/20/2021 3:55:02 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-57 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:24:00 AM

**Lab ID:** 2103886-018

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	710	60		mg/Kg	20	3/20/2021 4:07:26 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-58 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:30:00 PM

**Lab ID:** 2103886-019

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	520	60		mg/Kg	20	3/20/2021 4:19:50 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-59 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:33:00 PM

**Lab ID:** 2103886-020

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	720	61		mg/Kg	20	3/20/2021 4:32:15 AM	58818

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-60 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:36:00 PM

**Lab ID:** 2103886-021

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1200	60		mg/Kg	20	3/19/2021 5:49:16 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-61 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:39:00 PM

**Lab ID:** 2103886-022

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3100	150		mg/Kg	50	3/21/2021 6:08:41 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-62 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:42:00 PM

**Lab ID:** 2103886-023

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1400	61		mg/Kg	20	3/19/2021 7:28:36 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-63 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:45:00 PM

**Lab ID:** 2103886-024

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1100	60		mg/Kg	20	3/19/2021 7:41:00 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-64 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:48:00 PM

**Lab ID:** 2103886-025

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2200	150		mg/Kg	50	3/21/2021 6:21:05 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-65 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:51:00 PM

**Lab ID:** 2103886-026

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1900	60		mg/Kg	20	3/19/2021 8:05:49 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-66 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:15:00 PM

**Lab ID:** 2103886-027

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	990	60		mg/Kg	20	3/19/2021 8:18:14 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-67 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:25:00 PM

**Lab ID:** 2103886-028

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1200	60		mg/Kg	20	3/19/2021 8:55:29 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-68 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:28:00 PM

**Lab ID:** 2103886-029

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	950	61		mg/Kg	20	3/19/2021 9:07:53 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-69 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:31:00 PM

**Lab ID:** 2103886-030

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	290	60		mg/Kg	20	3/19/2021 9:20:17 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-70 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:34:00 PM

**Lab ID:** 2103886-031

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	190	60		mg/Kg	20	3/19/2021 9:32:42 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-71 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:37:00 PM

**Lab ID:** 2103886-032

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	210	61		mg/Kg	20	3/19/2021 9:45:07 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-72 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:40:00 PM

**Lab ID:** 2103886-033

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	540	61		mg/Kg	20	3/19/2021 9:57:32 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-73 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:43:00 PM

**Lab ID:** 2103886-034

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	520	60		mg/Kg	20	3/19/2021 10:09:57 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-74 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:46:00 PM

**Lab ID:** 2103886-035

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	860	61		mg/Kg	20	3/19/2021 10:22:22 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-75 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:49:00 PM

**Lab ID:** 2103886-036

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	310	61		mg/Kg	20	3/19/2021 10:34:47 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-76 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:25:00 PM

**Lab ID:** 2103886-037

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	320	60		mg/Kg	20	3/19/2021 10:47:11 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-77 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:28:00 PM

**Lab ID:** 2103886-038

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	210	59		mg/Kg	20	3/19/2021 11:24:26 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-78 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:31:00 PM

**Lab ID:** 2103886-039

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	490	61		mg/Kg	20	3/19/2021 11:36:51 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-79 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:34:00 PM

**Lab ID:** 2103886-040

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	290	60		mg/Kg	20	3/19/2021 11:49:16 PM	58826

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-80 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:37:00 PM

**Lab ID:** 2103886-041

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	370	60		mg/Kg	20	3/19/2021 3:58:36 PM	58852

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-81 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:40:00 PM

**Lab ID:** 2103886-042

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	480	60		mg/Kg	20	3/19/2021 5:00:21 PM	58852

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-82 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:43:00 PM

**Lab ID:** 2103886-043

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	360	60		mg/Kg	20	3/19/2021 5:37:23 PM	58852

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-83 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:46:00 PM

**Lab ID:** 2103886-044

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	570	60		mg/Kg	20	3/19/2021 5:49:43 PM	58852

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-84 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:49:00 PM

**Lab ID:** 2103886-045

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	540	60		mg/Kg	20	3/20/2021 12:51:56 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-85 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:52:00 PM

**Lab ID:** 2103886-046

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	660	60		mg/Kg	20	3/20/2021 1:04:21 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-86 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:55:00 PM

**Lab ID:** 2103886-047

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	420	60		mg/Kg	20	3/20/2021 1:16:46 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W-87 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:58:00 PM

**Lab ID:** 2103886-048

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	540	60		mg/Kg	20	3/20/2021 1:29:10 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-29 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:27:00 AM

**Lab ID:** 2103886-049

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	250	60		mg/Kg	20	3/20/2021 1:41:35 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-30 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:30:00 AM

**Lab ID:** 2103886-050

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	60		mg/Kg	20	3/20/2021 1:53:59 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-31 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:33:00 AM

**Lab ID:** 2103886-051

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	320	60		mg/Kg	20	3/20/2021 2:06:23 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-32 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:36:00 AM

**Lab ID:** 2103886-052

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	270	60		mg/Kg	20	3/20/2021 2:18:48 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-33 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:39:00 AM

**Lab ID:** 2103886-053

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	160	59		mg/Kg	20	3/20/2021 2:31:13 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-34 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 10:42:00 AM

**Lab ID:** 2103886-054

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	220	60		mg/Kg	20	3/20/2021 2:43:38 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-35 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:27:00 AM

**Lab ID:** 2103886-055

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	390	59		mg/Kg	20	3/20/2021 3:20:51 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-36 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:30:00 AM

**Lab ID:** 2103886-056

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	350	60		mg/Kg	20	3/20/2021 3:33:16 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-37 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:33:00 AM

**Lab ID:** 2103886-057

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	300	60		mg/Kg	20	3/20/2021 3:45:40 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-38 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:36:00 AM

**Lab ID:** 2103886-058

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	280	60		mg/Kg	20	3/20/2021 3:58:04 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-39 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:39:00 AM

**Lab ID:** 2103886-059

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	210	60		mg/Kg	20	3/20/2021 4:10:29 PM	58864

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-40 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 11:42:00 AM

**Lab ID:** 2103886-060

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	190	60		mg/Kg	20	3/20/2021 4:47:42 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-41 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:54:00 PM

**Lab ID:** 2103886-061

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	160	60		mg/Kg	20	3/20/2021 5:49:45 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-42 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 12:57:00 PM

**Lab ID:** 2103886-062

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	290	60		mg/Kg	20	3/20/2021 6:26:58 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-43 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:00:00 PM

**Lab ID:** 2103886-063

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	370	60		mg/Kg	20	3/20/2021 6:39:23 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-44 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:03:00 PM

**Lab ID:** 2103886-064

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	420	60		mg/Kg	20	3/20/2021 6:51:48 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-45 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:06:00 PM

**Lab ID:** 2103886-065

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	680	60		mg/Kg	20	3/20/2021 7:04:12 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-46 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:09:00 PM

**Lab ID:** 2103886-066

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1200	60		mg/Kg	20	3/20/2021 7:16:37 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-47 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:12:00 PM

**Lab ID:** 2103886-067

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	260	60		mg/Kg	20	3/20/2021 7:29:01 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-48 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:52:00 PM

**Lab ID:** 2103886-068

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	140	60		mg/Kg	20	3/20/2021 7:41:26 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-49 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:55:00 PM

**Lab ID:** 2103886-069

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	91	60		mg/Kg	20	3/20/2021 8:18:40 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-50 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 1:58:00 PM

**Lab ID:** 2103886-070

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	100	60		mg/Kg	20	3/20/2021 8:31:04 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-51 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:01:00 PM

**Lab ID:** 2103886-071

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	180	60		mg/Kg	20	3/20/2021 8:43:29 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-52 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:04:00 PM

**Lab ID:** 2103886-072

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	230	60		mg/Kg	20	3/20/2021 8:55:53 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-53 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 2:07:00 PM

**Lab ID:** 2103886-073

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	410	60		mg/Kg	20	3/20/2021 9:08:18 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-54 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:01:00 PM

**Lab ID:** 2103886-074

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	300	60		mg/Kg	20	3/20/2021 9:20:42 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-55 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:04:00 PM

**Lab ID:** 2103886-075

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	260	60		mg/Kg	20	3/20/2021 9:33:06 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-56 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:07:00 PM

**Lab ID:** 2103886-076

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	150	60		mg/Kg	20	3/20/2021 9:45:31 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-57 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:10:00 PM

**Lab ID:** 2103886-077

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	170	60		mg/Kg	20	3/20/2021 9:57:56 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-58 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:13:00 PM

**Lab ID:** 2103886-078

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	60		mg/Kg	20	3/20/2021 10:10:21 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: **3/24/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-59 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:16:00 PM

**Lab ID:** 2103886-079

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	210	60		mg/Kg	20	3/20/2021 10:47:34 PM	58865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-60 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:19:00 PM

**Lab ID:** 2103886-080

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	320	60		mg/Kg	20	3/20/2021 11:24:47 PM	58866

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-61 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:22:00 PM

**Lab ID:** 2103886-081

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	260	60		mg/Kg	20	3/21/2021 12:02:01 AM	58866

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103886**

Date Reported: 3/24/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** W.SW-62 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/16/2021 3:25:00 PM

**Lab ID:** 2103886-082

**Matrix:** SOIL

**Received Date:** 3/18/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	280	60		mg/Kg	20	3/21/2021 12:14:25 AM	58866

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103886

24-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-58818</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>PBS</b>	Batch ID: <b>58818</b>		RunNo: <b>76062</b>							
Prep Date: <b>3/18/2021</b>	Analysis Date: <b>3/19/2021</b>		SeqNo: <b>2693232</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58818</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>58818</b>		RunNo: <b>76062</b>							
Prep Date: <b>3/18/2021</b>	Analysis Date: <b>3/19/2021</b>		SeqNo: <b>2693233</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	90	110			

Sample ID: <b>MB-58852</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>PBS</b>	Batch ID: <b>58852</b>		RunNo: <b>76068</b>							
Prep Date: <b>3/19/2021</b>	Analysis Date: <b>3/19/2021</b>		SeqNo: <b>2693266</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58852</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>58852</b>		RunNo: <b>76068</b>							
Prep Date: <b>3/19/2021</b>	Analysis Date: <b>3/19/2021</b>		SeqNo: <b>2693267</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.1	90	110			

Sample ID: <b>MB-58826</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>PBS</b>	Batch ID: <b>58826</b>		RunNo: <b>76066</b>							
Prep Date: <b>3/18/2021</b>	Analysis Date: <b>3/19/2021</b>		SeqNo: <b>2693330</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58826</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>58826</b>		RunNo: <b>76066</b>							
Prep Date: <b>3/18/2021</b>	Analysis Date: <b>3/19/2021</b>		SeqNo: <b>2693331</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103886

24-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-58864</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58864</b>	RunNo: <b>76086</b>								
Prep Date: <b>3/20/2021</b>	Analysis Date: <b>3/20/2021</b>	SeqNo: <b>2693684</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58864</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58864</b>	RunNo: <b>76086</b>								
Prep Date: <b>3/20/2021</b>	Analysis Date: <b>3/20/2021</b>	SeqNo: <b>2693685</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.7	90	110			

Sample ID: <b>MB-58865</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58865</b>	RunNo: <b>76086</b>								
Prep Date: <b>3/20/2021</b>	Analysis Date: <b>3/20/2021</b>	SeqNo: <b>2693716</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58865</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58865</b>	RunNo: <b>76086</b>								
Prep Date: <b>3/20/2021</b>	Analysis Date: <b>3/20/2021</b>	SeqNo: <b>2693717</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	90	110			

Sample ID: <b>MB-58866</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58866</b>	RunNo: <b>76086</b>								
Prep Date: <b>3/20/2021</b>	Analysis Date: <b>3/20/2021</b>	SeqNo: <b>2693748</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58866</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58866</b>	RunNo: <b>76086</b>								
Prep Date: <b>3/20/2021</b>	Analysis Date: <b>3/20/2021</b>	SeqNo: <b>2693749</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.2	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2103886

RcptNo: 1

Received By: Juan Rojas

3/18/2021 7:50:00 AM

Handwritten signature

Completed By: Cheyenne Cason

3/18/2021 8:04:55 AM

Reviewed By: JR 3/18/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [ ] No [checked] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [ ] No [checked]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: 10
3/18/21
(<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

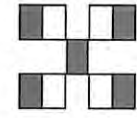
Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 8.4, Good, [ ], [ ], [ ], [ ]

# Chain-of-Custody Record



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  
 Standard  **Rush** 3-Day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler:  
 Michael Collier  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): 8.3 to 11.8  
 Container Type and #  
 Glass/1  
 Preservative Type  
 Ice/Cool  
 HEAL No.  
 2103586

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/16/2021	10:00	Soil	W-40 14'	Glass/1	Ice/Cool	001
	10:03		W-41 14'			002
	10:06		W-42 14'			003
	10:09		W-43 14'			004
	10:12		W-44 14'			005
	10:15		W-45 14'			006
	10:18		W-46 14'			007
	10:21		W-47 14'			008
	10:24		W-48 14'			009
	11:00		W-49 14'			010
	11:03		W-50 14'			011
	11:06		W-51 14'			012

Chlorides X

Received by: *[Signature]* Date: 3/17/21 Time: 10:30  
 Received by: *[Signature]* Date: 3/18/21 Time: 7:50

Relinquished by: *[Signature]* Date: 3/17/21 Time: 10:30  
 Relinquished by: *[Signature]* Date: 3/17/21 Time: 1900

Remarks: Pg 1 of 7

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-Day

Project Name:  
Dark Canyon SWD (Dark Canyon)

Project #:  
702958.001.01

Project Manager:  
R. Pons

Sampler:  
Michael Collier

On Ice:  Yes  No

# of Coolers:  
Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/16/2021	11:09	Soil	W-52 14'	Glass/1	Ice/Cool	2103586
	11:12		W-53 14'			013
	11:15		W-54 14'			014
	11:18		W-55 14'			015
	11:21		W-56 14'			016
	11:24		W-57 14'			017
	12:30		W-58 14'			018
	12:33		W-59 14'			019
	12:36		W-60 14'			020
	12:39		W-61 14'			021
	12:42		W-62 14'			022
	12:45		W-63 14'			023
						024

Received by: *Alumines* Date: 3/17/21 Time: 1030

Relinquished by: *MHL Collier*

Date: 3/16/21 Time: 1900

Received by: *Alumines* Date: 3/18/21 Time: 7:50

Relinquished by: *Alumines* Date: 3/18/21 Time: 7:50



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Tel. 505-345-3975 Fax 505-345-4107

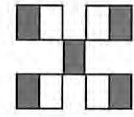
**Analysis Request**

C	h	l	o	r	i	d	e	s	X
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Remarks: Pg 2 of 7

JR 3/18/21





**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

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Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  
 Standard  Rush 3-Day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers:  
 Cooler Temp (including CF):  
 Container Type and #  
 Glass/1  
 Preservative Type  
 HEAL No.  
 2103886

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/16/2021	12:48	Soil	W-64 14'	Glass/1	Ice/Cool	025
	12:51		W-65 14'			026
	1:15		W-66 14'			027
	1:25		W-67 14'			028
	1:28		W-68 14'			029
	1:31		W-69 14'			<del>028</del> 030
	1:34		W-70 14'			031
	1:37		W-71 14'			032
	1:40		W-72 14'			033
	1:43		W-73 14'			034
	1:46		W-74 14'			035
	1:49		W-75 14'			036

Chlorides X

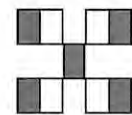
Remarks: Pg 3 of 7

Received by: *Alumina* Date: 3/17/21 Time: 1030  
 Received by: *Alumina* Date: 3/18/21 Time: 7:50  
 Relinquished by: *Michael Collier*  
 Relinquished by: *Alumina*

JR 3/18/21



# Chain-of-Custody Record



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Turn-Around Time:		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush 3- Day				
Project Name:						
Dark Canyon SWD (Dark Canyon)						
Project #:						
702958.001.01						
Project Manager:						
R. Pons						
Sampler: Michael Collier						
On Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No						
# of Coolers:						
Cooler Temp (including OF):						
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/16/2021	10:27	Soil	W.SW-29 14'	Glass/ 1	Ice/Cool	203886
	10:30		W.SW-30 14'			049
	10:33		W.SW-31 14'			050
	10:36		W.SW-32 14'			051
	10:39		W.SW-33 14'			052
	10:42		W.SW-34 14'			053
	11:27		W.SW-35 14'			054
	11:30		W.SW-36 14'			0565
	11:33		W.SW-37 14'			0576
	11:36		W.SW-38 14'			0587
	11:39		W.SW-39 14'			060059
	11:42		W.SW-40 14'			060
Date:	Time:	Relinquished by:	Via:	Date	Time	Remarks:
3/17/21	1030	M. Collier		3/17/21	1030	
Date:	Time:	Relinquished by:	Via:	Date	Time	Remarks:
3/17/21	1900	G. Pommery		3/18/21	7:50	

C h l o r i d e s

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Pg 5 of 7

JR 3/18/21

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

Email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush 3- Day

Project Name:

Dark Canyon SWD (Dark Canyon)

Project #:

702958.001.01

Project Manager:

R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers:

Cooler Temp (including CP):

Container Type and #

Glass/ 1

Preservative Type

HEAL No.

Date Time Matrix Sample Name

3/16/2021 12:54 Soil W.SW-41 14'

12:57 W.SW-42 14'

1:00 W.SW-43 14'

1:03 W.SW-44 14'

1:06 W.SW-45 14'

1:09 W.SW-46 14'

1:12 W.SW-47 14'

1:52 W.SW-48 14'

1:55 W.SW-49 14'

1:58 W.SW-50 14'

2:01 W.SW-51 14'

2:04 W.SW-52 14'

Date Time Relinquished by:

3/17/21 1030

*Michael Collier*

Date Time Relinquished by:

3/17/21 1900

*Michael Collier*

Received by:

Via:

Date Time

3/17/21 1030

*Michael Collier*

Received by:

Via:

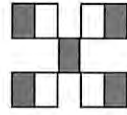
Date Time

3/18/21 7:50

*Michael Collier*

Remarks:

Pg 6 of 7



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

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Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

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**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  
 Standard  Rush 3- Day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers:  
 Cooler Temp (including OF):  
 Container Type and #  
 Glass/ 1  
 Preservative Type  
 Icel/Cool  
 HEAL No.  
 073  
 074  
 075  
 076  
 077  
 078  
 079  
 080  
 081  
 082

Date	Time	Matrix	Sample Name
3/16/2021	2:07	Soil	W.SW-53 14'
	3:01		W.SW-54 14'
	3:04		W.SW-55 14'
	3:07		W.SW-56 14'
	3:10		W.SW-57 14'
	3:13		W.SW-58 14'
	3:16		W.SW-59 14'
	3:19		W.SW-60 14'
	3:22		W.SW-61 14'
	3:25		W.SW-62 14'

Chain-of-Custody Record  
 Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 Email or Fax#: \_\_\_\_\_  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  NELAC  Other  
 EDD (Type) \_\_\_\_\_  
 Relinquished by: *Michael Collier*  
 Relinquished by: *Michael Collier*  
 Date: 3/17/21 10:30  
 Date: 3/17/21 1900  
 Received by: *Alumina*  
 Received by: *Alumina*  
 Date: 3/17/21 10:30  
 Date: 3/18/21 7:30  
 Via: *courier*  
 Remarks: Pg 1 of 7  
 C h l o r i d e s X

JRC 3/18/21



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

March 29, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX:

RE: Dark Canyon SWD

OrderNo.: 2103B12

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 34 sample(s) on 3/24/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2103B12

Date Reported: 3/29/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103B12

**Lab ID:** 2103B12-001 **Collection Date:** 3/22/2021 11:30:00 AM  
**Client Sample ID:** W-88 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	470	60		mg/Kg	20	3/26/2021 5:35:37 PM	58999

**Lab ID:** 2103B12-002 **Collection Date:** 3/22/2021 11:33:00 AM  
**Client Sample ID:** W-89 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	490	59		mg/Kg	20	3/26/2021 5:48:01 PM	58999

**Lab ID:** 2103B12-003 **Collection Date:** 3/22/2021 11:36:00 AM  
**Client Sample ID:** W-90 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	430	60		mg/Kg	20	3/26/2021 6:00:26 PM	58999

**Lab ID:** 2103B12-004 **Collection Date:** 3/22/2021 11:39:00 AM  
**Client Sample ID:** W-91 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	370	60		mg/Kg	20	3/26/2021 6:12:50 PM	58999

**Lab ID:** 2103B12-005 **Collection Date:** 3/22/2021 11:42:00 AM  
**Client Sample ID:** W-92 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	310	60		mg/Kg	20	3/26/2021 6:25:15 PM	58999

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103B12

Date Reported: 3/29/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103B12

**Lab ID:** 2103B12-006 **Collection Date:** 3/22/2021 11:45:00 AM  
**Client Sample ID:** W-93 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	530	60		mg/Kg	20	3/26/2021 7:02:29 PM	58999
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**Lab ID:** 2103B12-007 **Collection Date:** 3/22/2021 11:48:00 AM  
**Client Sample ID:** W-94 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	760	60		mg/Kg	20	3/26/2021 7:14:54 PM	58999
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**Lab ID:** 2103B12-008 **Collection Date:** 3/22/2021 11:51:00 AM  
**Client Sample ID:** W-95 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	480	60		mg/Kg	20	3/26/2021 7:27:18 PM	58999
----------	-----	----	--	-------	----	----------------------	-------

**Lab ID:** 2103B12-009 **Collection Date:** 3/22/2021 11:54:00 AM  
**Client Sample ID:** W-96 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1400	60		mg/Kg	20	3/26/2021 7:39:43 PM	58999
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**Lab ID:** 2103B12-010 **Collection Date:** 3/22/2021 12:20:00 PM  
**Client Sample ID:** W-97 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1900	60		mg/Kg	20	3/26/2021 8:16:58 PM	59000
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



**Analytical Report**

Lab Order: 2103B12

Date Reported: 3/29/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103B12

**Lab ID:** 2103B12-011 **Collection Date:** 3/22/2021 12:23:00 PM  
**Client Sample ID:** W-98 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	2200	150		mg/Kg	50	3/28/2021 2:39:08 AM	59000

**Lab ID:** 2103B12-012 **Collection Date:** 3/22/2021 12:26:00 PM  
**Client Sample ID:** W-99 12' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	2000	60		mg/Kg	20	3/26/2021 9:56:14 PM	59000

**Lab ID:** 2103B12-013 **Collection Date:** 3/22/2021 12:29:00 PM  
**Client Sample ID:** W-100 10' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1300	60		mg/Kg	20	3/26/2021 10:08:38 PM	59000

**Lab ID:** 2103B12-014 **Collection Date:** 3/22/2021 12:32:00 PM  
**Client Sample ID:** W-101 8' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	2000	60		mg/Kg	20	3/26/2021 10:21:03 PM	59000

**Lab ID:** 2103B12-015 **Collection Date:** 3/22/2021 10:28:00 AM  
**Client Sample ID:** S-1 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	5200	300		mg/Kg	100	3/28/2021 2:51:32 AM	59000

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103B12

Date Reported: 3/29/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103B12

**Lab ID:** 2103B12-016 **Collection Date:** 3/22/2021 10:31:00 AM

**Client Sample ID:** S-2 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5200	300		mg/Kg	100	3/28/2021 3:03:57 AM	59000
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**Lab ID:** 2103B12-017 **Collection Date:** 3/22/2021 10:34:00 AM

**Client Sample ID:** S-3 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	7700	300		mg/Kg	100	3/28/2021 3:16:22 AM	59000
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**Lab ID:** 2103B12-018 **Collection Date:** 3/22/2021 10:37:00 AM

**Client Sample ID:** S-4 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5200	300		mg/Kg	100	3/28/2021 3:53:35 AM	59000
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**Lab ID:** 2103B12-019 **Collection Date:** 3/22/2021 10:40:00 AM

**Client Sample ID:** S-5 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	8600	590		mg/Kg	200	3/28/2021 4:06:00 AM	59000
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**Lab ID:** 2103B12-020 **Collection Date:** 3/22/2021 10:43:00 AM

**Client Sample ID:** S-6 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5300	300		mg/Kg	100	3/28/2021 4:18:24 AM	59000
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103B12

Date Reported: 3/29/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103B12

**Lab ID:** 2103B12-021 **Collection Date:** 3/22/2021 10:46:00 AM  
**Client Sample ID:** N.SW-1 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	ND	60		mg/Kg	20	3/27/2021 12:12:45 AM	59000

**Lab ID:** 2103B12-022 **Collection Date:** 3/22/2021 10:49:00 AM  
**Client Sample ID:** N.SW-2 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	66	61		mg/Kg	20	3/27/2021 12:25:09 AM	59000

**Lab ID:** 2103B12-023 **Collection Date:** 3/22/2021 10:25:00 AM  
**Client Sample ID:** W.SW-S 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	ND	60		mg/Kg	20	3/27/2021 12:37:34 AM	59000

**Lab ID:** 2103B12-024 **Collection Date:** 3/22/2021 11:57:00 AM  
**Client Sample ID:** W.SW-63 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	400	60		mg/Kg	20	3/27/2021 12:49:59 AM	59000

**Lab ID:** 2103B12-025 **Collection Date:** 3/22/2021 12:00:00 PM  
**Client Sample ID:** W.SW-64 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	330	60		mg/Kg	20	3/27/2021 1:02:24 AM	59000

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103B12

Date Reported: 3/29/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103B12  
**Project:** Dark Canyon SWD

**Lab ID:** 2103B12-026 **Collection Date:** 3/22/2021 12:03:00 PM  
**Client Sample ID:** W.SW-65 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	350	60		mg/Kg	20	3/27/2021 1:14:48 AM	59000

**Lab ID:** 2103B12-027 **Collection Date:** 3/22/2021 12:06:00 PM  
**Client Sample ID:** W.SW-66 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	410	59		mg/Kg	20	3/27/2021 1:27:13 AM	59000

**Lab ID:** 2103B12-028 **Collection Date:** 3/22/2021 12:09:00 PM  
**Client Sample ID:** W.SW-67 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	620	60		mg/Kg	20	3/27/2021 1:39:38 AM	59000

**Lab ID:** 2103B12-029 **Collection Date:** 3/22/2021 12:12:00 PM  
**Client Sample ID:** W.SW-68 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	660	60		mg/Kg	20	3/27/2021 1:52:04 AM	59000

**Lab ID:** 2103B12-030 **Collection Date:** 3/22/2021 12:15:00 PM  
**Client Sample ID:** W.SW-69 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1300	60		mg/Kg	20	3/27/2021 12:41:17 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103B12

Date Reported: 3/29/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103B12

**Lab ID:** 2103B12-031 **Collection Date:** 3/22/2021 12:35:00 PM  
**Client Sample ID:** W.SW-70 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>VP</b>							
Chloride	680	59		mg/Kg	20	3/27/2021 1:18:31 PM	59004

**Lab ID:** 2103B12-032 **Collection Date:** 3/22/2021 12:38:00 PM  
**Client Sample ID:** W.SW-71 12' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>VP</b>							
Chloride	550	60		mg/Kg	20	3/27/2021 1:55:45 PM	59004

**Lab ID:** 2103B12-033 **Collection Date:** 3/22/2021 12:41:00 PM  
**Client Sample ID:** W.SW-72 10' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>VP</b>							
Chloride	1200	60		mg/Kg	20	3/27/2021 2:08:10 PM	59004

**Lab ID:** 2103B12-034 **Collection Date:** 3/22/2021 12:44:00 PM  
**Client Sample ID:** W.SW-73 8' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>VP</b>							
Chloride	1300	59		mg/Kg	20	3/27/2021 2:45:24 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103B12

29-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD

Sample ID: <b>MB-58999</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58999</b>	RunNo: <b>76237</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2699833</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58999</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58999</b>	RunNo: <b>76237</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2699834</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.5	90	110			

Sample ID: <b>LCS-59000</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59000</b>	RunNo: <b>76237</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2699865</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Sample ID: <b>MB-59000</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59000</b>	RunNo: <b>76237</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2699866</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>MB-59004</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59004</b>	RunNo: <b>76245</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2700011</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>MB-59004</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59004</b>	RunNo: <b>76259</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700102</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103B12

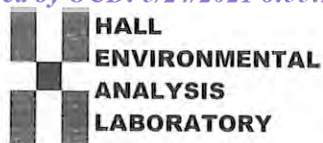
29-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD

Sample ID: <b>LCS-59004</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59004</b>	RunNo: <b>76259</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700103</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2103B12

RcptNo: 1

Received By: Desiree Dominguez 3/24/2021 8:00:00 AM

Handwritten initials

Completed By: Desiree Dominguez 3/24/2021 9:40:39 AM

Handwritten initials

Reviewed By: ENM 3/24/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [ ] No [checked] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C? Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: TO 3/24/21 (<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 7.3, Good, [ ], [ ], [ ]











Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

March 31, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2103951

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 83 sample(s) on 3/19/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-001 **Collection Date:** 3/17/2021 10:30:00 AM

**Client Sample ID:** E-1 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	8800	300		mg/Kg	100	3/23/2021 6:08:13 PM	58877

**Lab ID:** 2103951-002 **Collection Date:** 3/17/2021 10:33:00 AM

**Client Sample ID:** E-2 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1000	60		mg/Kg	20	3/22/2021 5:30:15 PM	58877

**Lab ID:** 2103951-003 **Collection Date:** 3/17/2021 10:36:00 AM

**Client Sample ID:** E-3 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	8100	300		mg/Kg	100	3/23/2021 6:20:34 PM	58881

**Lab ID:** 2103951-004 **Collection Date:** 3/17/2021 10:39:00 AM

**Client Sample ID:** E-4 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	760	60		mg/Kg	20	3/22/2021 7:13:54 PM	58881

**Lab ID:** 2103951-005 **Collection Date:** 3/17/2021 10:42:00 AM

**Client Sample ID:** E-5 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	7400	300		mg/Kg	100	3/23/2021 6:32:55 PM	58881

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-006 **Collection Date:** 3/17/2021 10:45:00 AM  
**Client Sample ID:** E-6 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	410	60		mg/Kg	20	3/22/2021 8:03:18 PM	58881

**Lab ID:** 2103951-007 **Collection Date:** 3/17/2021 10:48:00 AM  
**Client Sample ID:** E-7 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	6600	300		mg/Kg	100	3/23/2021 6:45:15 PM	58881

**Lab ID:** 2103951-008 **Collection Date:** 3/17/2021 10:51:00 AM  
**Client Sample ID:** E-8 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	280	60		mg/Kg	20	3/22/2021 8:27:59 PM	58881

**Lab ID:** 2103951-009 **Collection Date:** 3/17/2021 10:54:00 AM  
**Client Sample ID:** E-9 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	3900	150		mg/Kg	50	3/23/2021 6:57:36 PM	58881

**Lab ID:** 2103951-010 **Collection Date:** 3/17/2021 10:57:00 AM  
**Client Sample ID:** E-10 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	260	60		mg/Kg	20	3/22/2021 9:17:21 PM	58881

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-011 **Collection Date:** 3/17/2021 11:00:00 AM  
**Client Sample ID:** E-11 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1800	60		mg/Kg	20	3/22/2021 9:29:42 PM	58881

**Lab ID:** 2103951-012 **Collection Date:** 3/17/2021 11:03:00 AM  
**Client Sample ID:** E-12 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	150	61		mg/Kg	20	3/22/2021 9:42:03 PM	58881

**Lab ID:** 2103951-013 **Collection Date:** 3/17/2021 11:06:00 AM  
**Client Sample ID:** E-13 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1000	60		mg/Kg	20	3/22/2021 9:54:23 PM	58881

**Lab ID:** 2103951-014 **Collection Date:** 3/17/2021 11:09:00 AM  
**Client Sample ID:** E-14 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	170	60		mg/Kg	20	3/22/2021 10:06:43 PM	58881

**Lab ID:** 2103951-015 **Collection Date:** 3/17/2021 11:12:00 AM  
**Client Sample ID:** E-15 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1300	60		mg/Kg	20	3/22/2021 10:19:04 PM	58881

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103951

**Lab ID:** 2103951-016 **Collection Date:** 3/17/2021 11:15:00 AM

**Client Sample ID:** E-16 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1700	61		mg/Kg	20	3/22/2021 10:31:26 PM	58881
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**Lab ID:** 2103951-017 **Collection Date:** 3/17/2021 12:10:00 PM

**Client Sample ID:** E-17 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	3600	150		mg/Kg	50	3/23/2021 7:09:57 PM	58881
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**Lab ID:** 2103951-018 **Collection Date:** 3/17/2021 12:13:00 PM

**Client Sample ID:** E-18 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1700	60		mg/Kg	20	3/22/2021 10:56:08 PM	58881
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**Lab ID:** 2103951-019 **Collection Date:** 3/17/2021 12:16:00 PM

**Client Sample ID:** E-19 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4900	150		mg/Kg	50	3/23/2021 7:22:18 PM	58881
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**Lab ID:** 2103951-020 **Collection Date:** 3/17/2021 12:19:00 PM

**Client Sample ID:** E-20 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4700	150		mg/Kg	50	3/23/2021 7:59:20 PM	58881
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-021 **Collection Date:** 3/17/2021 12:22:00 PM  
**Client Sample ID:** E-21 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1700	60		mg/Kg	20	3/22/2021 11:57:53 PM	58881

**Lab ID:** 2103951-022 **Collection Date:** 3/17/2021 12:25:00 PM  
**Client Sample ID:** E-22 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	2400	150		mg/Kg	50	3/23/2021 8:11:42 PM	58881

**Lab ID:** 2103951-023 **Collection Date:** 3/17/2021 12:28:00 PM  
**Client Sample ID:** E-23 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	5600	300		mg/Kg	100	3/23/2021 8:24:02 PM	58887

**Lab ID:** 2103951-024 **Collection Date:** 3/17/2021 12:31:00 PM  
**Client Sample ID:** E-24 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	9300	300		mg/Kg	100	3/23/2021 8:36:23 PM	58887

**Lab ID:** 2103951-025 **Collection Date:** 3/17/2021 12:34:00 PM  
**Client Sample ID:** E-25 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	15000	600		mg/Kg	200	3/23/2021 8:48:44 PM	58887

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103951

**Lab ID:** 2103951-026 **Collection Date:** 3/17/2021 12:37:00 PM

**Client Sample ID:** E-26 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9100	600		mg/Kg	200	3/23/2021 9:01:05 PM	58887
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**Lab ID:** 2103951-027 **Collection Date:** 3/17/2021 12:40:00 PM

**Client Sample ID:** E-27 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2000	60		mg/Kg	20	3/23/2021 12:23:04 AM	58887
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**Lab ID:** 2103951-028 **Collection Date:** 3/17/2021 12:43:00 PM

**Client Sample ID:** E-28 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5300	300		mg/Kg	100	3/23/2021 9:13:26 PM	58887
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**Lab ID:** 2103951-029 **Collection Date:** 3/17/2021 12:47:00 PM

**Client Sample ID:** E-29 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	7500	300		mg/Kg	100	3/23/2021 9:25:47 PM	58887
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**Lab ID:** 2103951-030 **Collection Date:** 3/17/2021 12:50:00 PM

**Client Sample ID:** E-30 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9000	600		mg/Kg	200	3/23/2021 9:38:08 PM	58887
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103951

**Lab ID:** 2103951-031 **Collection Date:** 3/17/2021 12:53:00 PM

**Client Sample ID:** E-31 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	16000	600		mg/Kg	200	3/23/2021 9:50:28 PM	58887
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**Lab ID:** 2103951-032 **Collection Date:** 3/17/2021 12:56:00 PM

**Client Sample ID:** E-32 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	3100	150		mg/Kg	50	3/23/2021 10:27:30 PM	58887
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**Lab ID:** 2103951-033 **Collection Date:** 3/17/2021 2:00:00 PM

**Client Sample ID:** E-33 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5100	300		mg/Kg	100	3/23/2021 10:39:51 PM	58887
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**Lab ID:** 2103951-034 **Collection Date:** 3/17/2021 2:03:00 PM

**Client Sample ID:** E-34 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	11000	590		mg/Kg	200	3/23/2021 10:52:12 PM	58887
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**Lab ID:** 2103951-035 **Collection Date:** 3/17/2021 2:06:00 PM

**Client Sample ID:** E-35 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	10000	590		mg/Kg	200	3/23/2021 11:04:32 PM	58887
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103951

**Lab ID:** 2103951-036 **Collection Date:** 3/17/2021 2:09:00 PM

**Client Sample ID:** E-36 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5000	300		mg/Kg	100	3/23/2021 11:16:53 PM	58887

**Lab ID:** 2103951-037 **Collection Date:** 3/17/2021 2:12:00 PM

**Client Sample ID:** E-37 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5300	300		mg/Kg	100	3/23/2021 11:29:13 PM	58887

**Lab ID:** 2103951-038 **Collection Date:** 3/17/2021 2:15:00 PM

**Client Sample ID:** E-38 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	8300	300		mg/Kg	100	3/23/2021 11:41:34 PM	58887

**Lab ID:** 2103951-039 **Collection Date:** 3/17/2021 2:18:00 PM

**Client Sample ID:** E-39 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	10000	600		mg/Kg	200	3/23/2021 11:53:55 PM	58887

**Lab ID:** 2103951-040 **Collection Date:** 3/17/2021 2:21:00 PM

**Client Sample ID:** E-40 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	6700	300		mg/Kg	100	3/24/2021 12:06:18 AM	58887

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103951

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-041

**Collection Date:** 3/17/2021 2:24:00 PM

**Client Sample ID:** E-41 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9600	300		mg/Kg	100	3/24/2021 12:18:40 AM	58887
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**Lab ID:** 2103951-042

**Collection Date:** 3/17/2021 2:27:00 PM

**Client Sample ID:** E-42 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	14000	610		mg/Kg	200	3/24/2021 12:55:40 AM	58887
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**Lab ID:** 2103951-043

**Collection Date:** 3/17/2021 2:30:00 PM

**Client Sample ID:** E-43 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	12000	590		mg/Kg	200	3/24/2021 1:08:00 AM	58890
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**Lab ID:** 2103951-044

**Collection Date:** 3/17/2021 2:33:00 PM

**Client Sample ID:** E-44 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5600	300		mg/Kg	100	3/24/2021 1:20:22 AM	58890
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**Lab ID:** 2103951-045

**Collection Date:** 3/17/2021 3:00:00 PM

**Client Sample ID:** E-45 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	6400	300		mg/Kg	100	3/24/2021 1:32:43 AM	58890
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103951

**Lab ID:** 2103951-046 **Collection Date:** 3/17/2021 3:03:00 PM

**Client Sample ID:** E-46 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	12000	600		mg/Kg	200	3/24/2021 1:45:03 AM	58890
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**Lab ID:** 2103951-047 **Collection Date:** 3/17/2021 3:06:00 PM

**Client Sample ID:** E-47 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9800	590		mg/Kg	200	3/24/2021 1:57:23 AM	58890
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**Lab ID:** 2103951-048 **Collection Date:** 3/17/2021 3:09:00 PM

**Client Sample ID:** E-48 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5200	300		mg/Kg	100	3/24/2021 2:09:44 AM	58890
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**Lab ID:** 2103951-049 **Collection Date:** 3/17/2021 3:12:00 PM

**Client Sample ID:** E-49 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5800	300		mg/Kg	100	3/24/2021 2:22:05 AM	58890
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**Lab ID:** 2103951-050 **Collection Date:** 3/17/2021 3:15:00 PM

**Client Sample ID:** E-50 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9800	300		mg/Kg	100	3/24/2021 2:34:25 AM	58890
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-051 **Collection Date:** 3/17/2021 3:18:00 PM  
**Client Sample ID:** E-51 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	9600	300		mg/Kg	100	3/24/2021 2:47:16 AM	58890

**Lab ID:** 2103951-052 **Collection Date:** 3/17/2021 3:21:00 PM  
**Client Sample ID:** E-52 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	8800	300		mg/Kg	100	3/24/2021 11:10:45 AM	58890

**Lab ID:** 2103951-053 **Collection Date:** 3/17/2021 3:24:00 PM  
**Client Sample ID:** E-53 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	5800	300		mg/Kg	100	3/24/2021 11:23:10 AM	58890

**Lab ID:** 2103951-054 **Collection Date:** 3/17/2021 3:27:00 PM  
**Client Sample ID:** E-54 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	8700	300		mg/Kg	100	3/24/2021 11:35:34 AM	58890

**Lab ID:** 2103951-055 **Collection Date:** 3/17/2021 3:30:00 PM  
**Client Sample ID:** E-55 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	7500	300		mg/Kg	100	3/24/2021 11:47:58 AM	58890

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-056 **Collection Date:** 3/17/2021 3:33:00 PM  
**Client Sample ID:** E-56 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	5800	300		mg/Kg	100	3/24/2021 12:00:23 PM	58890

**Lab ID:** 2103951-057 **Collection Date:** 3/17/2021 11:18:00 AM  
**Client Sample ID:** E.SW-1 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	570	60		mg/Kg	20	3/19/2021 1:53:30 PM	58851

**Lab ID:** 2103951-058 **Collection Date:** 3/17/2021 11:21:00 AM  
**Client Sample ID:** E.SW-2 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	470	59		mg/Kg	20	3/19/2021 2:05:54 PM	58851

**Lab ID:** 2103951-059 **Collection Date:** 3/17/2021 11:24:00 AM  
**Client Sample ID:** E.SW-3 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	270	60		mg/Kg	20	3/19/2021 2:18:19 PM	58851

**Lab ID:** 2103951-060 **Collection Date:** 3/17/2021 11:27:00 AM  
**Client Sample ID:** E.SW-4 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	280	61		mg/Kg	20	3/19/2021 2:30:44 PM	58851

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103951

**Lab ID:** 2103951-061 **Collection Date:** 3/17/2021 11:30:00 AM  
**Client Sample ID:** E.SW-5 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	230	60		mg/Kg	20	3/19/2021 2:43:09 PM	58851

**Lab ID:** 2103951-062 **Collection Date:** 3/17/2021 11:33:00 AM  
**Client Sample ID:** E.SW-6 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	94	60		mg/Kg	20	3/19/2021 2:55:34 PM	58851

**Lab ID:** 2103951-063 **Collection Date:** 3/17/2021 11:36:00 AM  
**Client Sample ID:** E.SW-7 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	130	60		mg/Kg	20	3/19/2021 3:07:59 PM	58851

**Lab ID:** 2103951-064 **Collection Date:** 3/17/2021 11:39:00 AM  
**Client Sample ID:** E.SW-8 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	89	60		mg/Kg	20	3/19/2021 3:20:23 PM	58851

**Lab ID:** 2103951-065 **Collection Date:** 3/17/2021 12:59:00 PM  
**Client Sample ID:** E.SW-9 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	160	61		mg/Kg	20	3/19/2021 3:32:47 PM	58851

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-066 **Collection Date:** 3/17/2021 1:02:00 PM  
**Client Sample ID:** E.SW-10 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	160	61		mg/Kg	20	3/19/2021 4:10:01 PM	58851

**Lab ID:** 2103951-067 **Collection Date:** 3/17/2021 1:05:00 PM  
**Client Sample ID:** E.SW-11 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	210	59		mg/Kg	20	3/19/2021 4:22:25 PM	58851

**Lab ID:** 2103951-068 **Collection Date:** 3/17/2021 1:08:00 PM  
**Client Sample ID:** E.SW-12 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	160	60		mg/Kg	20	3/23/2021 5:18:54 AM	58890

**Lab ID:** 2103951-069 **Collection Date:** 3/17/2021 1:11:00 PM  
**Client Sample ID:** E.SW-13 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1300	60		mg/Kg	20	3/23/2021 5:31:14 AM	58890

**Lab ID:** 2103951-070 **Collection Date:** 3/17/2021 1:14:00 PM  
**Client Sample ID:** E.SW-14 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	220	60		mg/Kg	20	3/23/2021 5:43:35 AM	58890

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-071 **Collection Date:** 3/17/2021 1:17:00 PM  
**Client Sample ID:** E.SW-15 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	330	60		mg/Kg	20	3/23/2021 5:55:55 AM	58890

**Lab ID:** 2103951-072 **Collection Date:** 3/17/2021 1:20:00 PM  
**Client Sample ID:** E.SW-16 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	110	60		mg/Kg	20	3/23/2021 6:08:15 AM	58890

**Lab ID:** 2103951-073 **Collection Date:** 3/17/2021 2:36:00 PM  
**Client Sample ID:** E.SW-17 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	420	60		mg/Kg	20	3/23/2021 6:20:35 AM	58890

**Lab ID:** 2103951-074 **Collection Date:** 3/17/2021 2:39:00 PM  
**Client Sample ID:** E.SW-18 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	550	300		mg/Kg	100	3/23/2021 5:18:25 PM	58891

**Lab ID:** 2103951-075 **Collection Date:** 3/17/2021 2:42:00 PM  
**Client Sample ID:** E.SW-19 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	210	61		mg/Kg	20	3/30/2021 3:14:23 PM	58891

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-076 **Collection Date:** 3/17/2021 2:45:00 PM  
**Client Sample ID:** E.SW-20 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	350	300		mg/Kg	100	3/23/2021 6:08:04 PM	58891

**Lab ID:** 2103951-077 **Collection Date:** 3/17/2021 2:48:00 PM  
**Client Sample ID:** E.SW-21 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	210	60		mg/Kg	20	3/30/2021 3:26:47 PM	58891

**Lab ID:** 2103951-078 **Collection Date:** 3/17/2021 3:36:00 PM  
**Client Sample ID:** E.SW-22 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	450	300		mg/Kg	100	3/23/2021 6:32:52 PM	58891

**Lab ID:** 2103951-079 **Collection Date:** 3/17/2021 3:39:00 PM  
**Client Sample ID:** E.SW-23 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	340	300		mg/Kg	100	3/23/2021 6:45:16 PM	58891

**Lab ID:** 2103951-080 **Collection Date:** 3/17/2021 3:42:00 PM  
**Client Sample ID:** E.SW-24 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	150	61		mg/Kg	20	3/30/2021 3:39:12 PM	58891

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103951

Date Reported: 3/31/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103951  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103951-081 **Collection Date:** 3/17/2021 3:45:00 PM  
**Client Sample ID:** E.SW-25 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	310	300		mg/Kg	100	3/23/2021 7:10:06 PM	58891

**Lab ID:** 2103951-082 **Collection Date:** 3/17/2021 3:48:00 PM  
**Client Sample ID:** E.SW-26 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	210	60		mg/Kg	20	3/30/2021 4:16:26 PM	58891

**Lab ID:** 2103951-083 **Collection Date:** 3/17/2021 3:51:00 PM  
**Client Sample ID:** E.SW-27 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	330	300		mg/Kg	100	3/23/2021 7:59:43 PM	58891

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103951

31-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-58851</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58851</b>	RunNo: <b>76066</b>								
Prep Date: <b>3/19/2021</b>	Analysis Date: <b>3/19/2021</b>	SeqNo: <b>2693300</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58851</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58851</b>	RunNo: <b>76066</b>								
Prep Date: <b>3/19/2021</b>	Analysis Date: <b>3/19/2021</b>	SeqNo: <b>2693301</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.5	90	110			

Sample ID: <b>LCS-58887</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58887</b>	RunNo: <b>76097</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695116</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.7	90	110			

Sample ID: <b>MB-58877</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58877</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695239</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58877</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58877</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695240</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	90	110			

Sample ID: <b>MB-58881</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58881</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695269</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103951

31-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>LCS-58881</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58881</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695270</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.2	90	110			

Sample ID: <b>2103951-004AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>E-4 14'</b>	Batch ID: <b>58881</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695278</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	900	59	30.00	757.7	459	36.7	168	13.7	20	S

Sample ID: <b>MB-58890</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58890</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/23/2021</b>	SeqNo: <b>2695301</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58890</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58890</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/23/2021</b>	SeqNo: <b>2695302</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.7	90	110			

Sample ID: <b>MB-58891</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58891</b>	RunNo: <b>76140</b>								
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/23/2021</b>	SeqNo: <b>2696595</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58891</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58891</b>	RunNo: <b>76140</b>								
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/23/2021</b>	SeqNo: <b>2696596</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.7	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2103951 RcptNo: 1

Received By: Cheyenne Cason 3/19/2021 7:50:00 AM
Completed By: Cheyenne Cason 3/19/2021 8:14:55 AM
Reviewed By: IO 3/19/21

Chain of Custody

1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes [ ] No [checked] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: JR 3/19/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

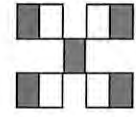
16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 8.9, Good, [ ], [ ], [ ]







**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

**Chain-of-Custody Record**

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

Email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush 3-Day

Project Name:

Dark Canyon SWD (Dark Canyon)

Project #:

702958.001.01

Project Manager:

R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers:

Cooler Temp (including CF): See Subst page

Container Type and #

Glass/ 1

Preservative Type

Ice/Cool

HEAL No.

2103951

Chlorides X

G13

G14

G15

G16

G17

G18

G19

G20

G21

G22

G23

G24

Sample Name

E-13 14'

E-14 14'

E-15 14'

E-16 14'

E-17 14'

E-18 14'

E-19 14'

E-20 14'

E-21 14'

E-22 14'

E-23 14'

E-24 14'

Date

3/17/2021

11:06

11:09

11:12

11:15

12:10

12:13

12:16

12:19

12:22

12:25

12:28

12:31

Relinquished by:

*Michael Collier*

Relinquished by:

*Michael Collier*

Received by:

*Admiral*

Received by:

*see cover 3/19/21 0750*

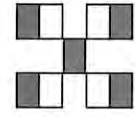
Date

3/18/21 1130

Date

3/19/21 0750

Remarks: Pg 2 of 7



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**Analysis Request**

**Chain-of-Custody Record**

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

Email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush 3-Day

Project Name:

Dark Canyon SWD (Dark Canyon)

Project #:

702958.001.01

Project Manager:

R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including OP): See list page

Container Type and #

Glass/ 1

Preservative Type

Ice/Cool

HEAL No.

2103951

Date	Time	Matrix	Sample Name
3/17/2021	12:34	Soil	E-25 14'
	12:37		E-26 14'
	12:40		E-27 14'
	12:43		E-28 14'
	12:47		E-29 14'
	12:50		E-30 14'
	12:53		E-31 14'
	12:56		E-32 14'
	2:00		E-33 14'
	2:03		E-34 14'
	2:06		E-35 14'
	2:09		E-36 14'

C h l o r i d e s

X

Remarks: Pg 3 of 7

Relinquished by: *Michael Collier* Date: 3/17/21 Time: 11:30

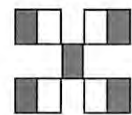
Relinquished by: *Michael Collier* Date: 3/17/21 Time: 11:30

Received by: *Adm...* Date: 3/17/21 Time: 07:50

Received by: *Adm...* Date: 3/17/21 Time: 07:50

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

# Chain-of-Custody Record



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Turn-Around Time:		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush 3-Day				
Project Name: Dark Canyon SWD (Dark Canyon)						
Project #: 702958.001.01						
Project Manager: R. Pons						
Sampler: Michael Collier						
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
# of Coolers: ( )						
Cooler Temp (including CP): See next page						
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/17/2021	2:12	Soil	E-37 14'	Glass/ 1	Ice/Cool	2103951
	2:15		E-38 14'			038
	2:18		E-39 14'			039
	2:21		E-40 14'			035-040
	2:24		E-41 14'			041
	2:27		E-42 14'			042
	2:30		E-43 14'			043
	2:33		E-44 14'			044
	3:00		E-45 14'			045
	3:03		E-46 14'			046
	3:06		E-47 14'			047
	3:09		E-48 14'			048
Date:	Time:	Relinquished by:	Via:	Date:	Time:	Received by:
3/17/21	1:30	Michael Collier	Albuquerque	3/18/21	1:30	Albuquerque
Date:	Time:	Relinquished by:	Via:	Date:	Time:	Received by:
3/17/21	1:00	Albuquerque	see cover	3/19/21	0750	see cover

Chlorides X

Remarks: Pg 4 of 7



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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  
 Standard  **Rush** 3-Day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 Email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers:  
 Cooler Temp (including CF): *See first page*

Container Type and #  
 Glass/1  
 Preservative Type  
 Ice/Cool  
 HEAL No.  
 2103951

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/17/2021	3:12	Soil	E-49 14'		Ice/Cool	044
	3:15		E-50 14'			050
	3:18		E-51 14'			051
	3:21		E-52 14'			052
	3:24		E-53 14'			053
	3:27		E-54 14'			054
	3:30		E-55 14'			055
	3:33		E-56 14'			056
	11:18		E-SW-1 14'			057
	11:21		E-SW-2 14'			058
	11:24		E-SW-3 14'			059
	11:27		E-SW-4 14'			060

Chlorides X

Remarks: Pg 5 of 7  
 E-SW 1-10 ~~all~~ SAME DAY  
 All others 3 days

Received by: *Gummis* Date: 3/18/21 Time: 1130  
 Received by: *see email* Date: 3/19/21 Time: 0750

Relinquished by: *Michael Collier* Date: 3/18/21 Time: 1130  
 Relinquished by: *Gummis* Date: 3/18/21 Time: 1900

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



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Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  
 Standard  Rush 3-Day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 Email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Project Manager:  
 R. Pons  
 Sampler: Michael Collier  
 On Ice:  Yes  No  
 # of Coolers: ( )  
 Cooler Temp (including CF): See first page

Container Type and #  
 Glass/1  
 Preservative Type  
 Ice/Cool  
 HEAL No.  
 2103951

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/17/2021	11:30	Soil	- E-SW-5 14'	Glass/1	Ice/Cool	061
	11:33		. E-SW-6 14'			062
	11:36		. E-SW-7 14'			063
	11:39		. E-SW-8 14'			064
	12:59		. E-SW-9 14'			065
	1:02		. E-SW-10 14'			066
	1:05		E-SW-11 14'			067
	1:08		E-SW-12 14'			068
	1:11		E-SW-13 14'			069
	1:14		E-SW-14 14'			070
	1:17		E-SW-15 14'			071
	1:20		E-SW-16 14'			072

Received by: *Adumina* Date: 3/18/21 11:30  
 Received by: *Car* Date: 3/19/21 07:50

Relinquished by: *Michael Collier*  
 Relinquished by: *Adumina*

Chlorides X

Remarks: Pg 6 of 7  
 ASAP - Rebecca need this page of data ASAP. ONLY ESW 5-10 SAME DAY

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

Email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush 3-Day

Project Name:

Dark Canyon SWD (Dark Canyon)

Project #:

702958.001.01

Project Manager:

R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CP): *see next page*

Container Type and #

Glass/ 1

Preservative Type

Ice/Cool

HEAL No.

2103951

073

074

075

076

077

078

079

080

081

082

083

Date Time Matrix Sample Name

3/17/2021 2:36 Soil E-SW-17 14'

2:39 E-SW-18 14'

2:42 E-SW-19 14'

2:45 E-SW-20 14'

2:48 E-SW-21 14'

3:36 E-SW-22 14'

3:39 E-SW-23 14'

3:42 E-SW-24 14'

3:45 E-SW-25 14'

3:48 E-SW-26 14'

3:51 E-SW-27 14'

Date: 3/19/21 1130

Relinquished by: *[Signature]*

Received by: *[Signature]*

Date: 3/19/21 1130

Date: 3/19/21 1900

Relinquished by: *[Signature]*

Received by: *[Signature]*

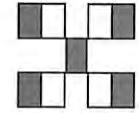
Date: 3/19/21 0750

## Analysis Request

C h l o r i d e s

X

Remarks: Pg 7 of 7



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

March 25, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD

OrderNo.: 2103994

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 51 sample(s) on 3/20/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-001 **Collection Date:** 3/19/2021 7:50:00 AM

**Client Sample ID:** E-57 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	6400	300		mg/Kg	100	3/23/2021 10:06:41 AM	58871

**Lab ID:** 2103994-002 **Collection Date:** 3/19/2021 7:53:00 AM

**Client Sample ID:** E-58 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	8300	300		mg/Kg	100	3/23/2021 10:19:02 AM	58871

**Lab ID:** 2103994-003 **Collection Date:** 3/19/2021 7:56:00 AM

**Client Sample ID:** E-59 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	7800	300		mg/Kg	100	3/23/2021 10:31:22 AM	58871

**Lab ID:** 2103994-004 **Collection Date:** 3/19/2021 7:59:00 AM

**Client Sample ID:** E-60 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	7200	300		mg/Kg	100	3/23/2021 10:43:45 AM	58871

**Lab ID:** 2103994-005 **Collection Date:** 3/19/2021 8:02:00 AM

**Client Sample ID:** E-61 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2900	150		mg/Kg	50	3/23/2021 10:56:05 AM	58871

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-006 **Collection Date:** 3/19/2021 8:05:00 AM

**Client Sample ID:** E-62 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	8300	300		mg/Kg	100	3/23/2021 11:08:26 AM	58871
----------	------	-----	--	-------	-----	-----------------------	-------

**Lab ID:** 2103994-007 **Collection Date:** 3/19/2021 8:08:00 AM

**Client Sample ID:** E-63 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9100	300		mg/Kg	100	3/23/2021 11:20:47 AM	58871
----------	------	-----	--	-------	-----	-----------------------	-------

**Lab ID:** 2103994-008 **Collection Date:** 3/19/2021 8:11:00 AM

**Client Sample ID:** E-64 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2400	61		mg/Kg	20	3/22/2021 12:48:11 PM	58871
----------	------	----	--	-------	----	-----------------------	-------

**Lab ID:** 2103994-009 **Collection Date:** 3/19/2021 8:14:00 AM

**Client Sample ID:** E-65 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	6400	300		mg/Kg	100	3/23/2021 11:33:08 AM	58871
----------	------	-----	--	-------	-----	-----------------------	-------

**Lab ID:** 2103994-010 **Collection Date:** 3/19/2021 8:17:00 AM

**Client Sample ID:** E-66 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9400	600		mg/Kg	200	3/23/2021 11:45:28 AM	58871
----------	------	-----	--	-------	-----	-----------------------	-------

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-011 **Collection Date:** 3/19/2021 8:20:00 AM

**Client Sample ID:** E-67 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9100	610		mg/Kg	200	3/23/2021 11:57:49 AM	58871
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**Lab ID:** 2103994-012 **Collection Date:** 3/19/2021 8:23:00 AM

**Client Sample ID:** E-68 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4500	150		mg/Kg	50	3/23/2021 12:34:52 PM	58871
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**Lab ID:** 2103994-013 **Collection Date:** 3/19/2021 8:26:00 AM

**Client Sample ID:** E-69 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1500	60		mg/Kg	20	3/22/2021 2:39:51 PM	58871
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**Lab ID:** 2103994-014 **Collection Date:** 3/19/2021 8:29:00 AM

**Client Sample ID:** E-70 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5700	300		mg/Kg	100	3/23/2021 12:47:13 PM	58874
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**Lab ID:** 2103994-015 **Collection Date:** 3/19/2021 8:32:00 AM

**Client Sample ID:** E-71 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4800	300		mg/Kg	100	3/23/2021 12:59:34 PM	58874
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-016 **Collection Date:** 3/19/2021 8:35:00 AM

**Client Sample ID:** E-72 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	960	59		mg/Kg	20	3/22/2021 5:21:08 PM	58874
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**Lab ID:** 2103994-017 **Collection Date:** 3/19/2021 8:38:00 AM

**Client Sample ID:** E-73 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2700	150		mg/Kg	50	3/23/2021 1:11:55 PM	58874
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**Lab ID:** 2103994-018 **Collection Date:** 3/19/2021 8:41:00 AM

**Client Sample ID:** E-74 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5500	300		mg/Kg	100	3/23/2021 1:24:16 PM	58874
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**Lab ID:** 2103994-019 **Collection Date:** 3/19/2021 8:44:00 AM

**Client Sample ID:** E-75 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4900	150		mg/Kg	50	3/23/2021 1:36:36 PM	58874
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**Lab ID:** 2103994-020 **Collection Date:** 3/19/2021 8:47:00 AM

**Client Sample ID:** E-76 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2200	60		mg/Kg	20	3/22/2021 6:35:34 PM	58874
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-021 **Collection Date:** 3/19/2021 8:50:00 AM

**Client Sample ID:** E-77 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4600	150		mg/Kg	50	3/23/2021 1:48:56 PM	58874
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**Lab ID:** 2103994-022 **Collection Date:** 3/19/2021 8:53:00 AM

**Client Sample ID:** E-78 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	7900	300		mg/Kg	100	3/23/2021 2:01:17 PM	58874
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**Lab ID:** 2103994-023 **Collection Date:** 3/19/2021 8:56:00 AM

**Client Sample ID:** E-79 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	12000	600		mg/Kg	200	3/23/2021 2:13:38 PM	58874
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**Lab ID:** 2103994-024 **Collection Date:** 3/19/2021 8:59:00 AM

**Client Sample ID:** E-80 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4900	150		mg/Kg	50	3/23/2021 2:25:59 PM	58874
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**Lab ID:** 2103994-025 **Collection Date:** 3/19/2021 9:02:00 AM

**Client Sample ID:** E-81 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	6900	300		mg/Kg	100	3/23/2021 3:03:01 PM	58874
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-026 **Collection Date:** 3/19/2021 9:05:00 AM

**Client Sample ID:** E-82 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	8300	600		mg/Kg	200	3/23/2021 3:15:22 PM	58874
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**Lab ID:** 2103994-027 **Collection Date:** 3/19/2021 9:08:00 AM

**Client Sample ID:** E-83 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	9200	300		mg/Kg	100	3/23/2021 3:27:42 PM	58874
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**Lab ID:** 2103994-028 **Collection Date:** 3/19/2021 9:11:00 AM

**Client Sample ID:** E-84 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4900	150		mg/Kg	50	3/23/2021 3:40:03 PM	58874
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**Lab ID:** 2103994-029 **Collection Date:** 3/19/2021 9:14:00 AM

**Client Sample ID:** E-85 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	4900	300		mg/Kg	100	3/23/2021 3:52:25 PM	58874
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**Lab ID:** 2103994-030 **Collection Date:** 3/19/2021 9:17:00 AM

**Client Sample ID:** E-86 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	8200	300		mg/Kg	100	3/23/2021 4:04:46 PM	58874
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-031 **Collection Date:** 3/19/2021 9:20:00 AM

**Client Sample ID:** E-87 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	9100	600		mg/Kg	200	3/23/2021 4:17:07 PM	58874

**Lab ID:** 2103994-032 **Collection Date:** 3/19/2021 9:23:00 AM

**Client Sample ID:** E-88 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5000	300		mg/Kg	100	3/23/2021 4:29:28 PM	58874

**Lab ID:** 2103994-033 **Collection Date:** 3/19/2021 9:26:00 AM

**Client Sample ID:** E-89 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	6700	300		mg/Kg	100	3/23/2021 4:41:48 PM	58874

**Lab ID:** 2103994-034 **Collection Date:** 3/19/2021 9:29:00 AM

**Client Sample ID:** E-90 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	8700	300		mg/Kg	100	3/23/2021 4:54:09 PM	58877

**Lab ID:** 2103994-035 **Collection Date:** 3/19/2021 9:32:00 AM

**Client Sample ID:** E-91 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	7800	300		mg/Kg	100	3/23/2021 5:31:11 PM	58877

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-036 **Collection Date:** 3/19/2021 9:35:00 AM  
**Client Sample ID:** E-92 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	6900	300		mg/Kg	100	3/23/2021 5:43:32 PM	58877

**Lab ID:** 2103994-037 **Collection Date:** 3/19/2021 9:38:00 AM  
**Client Sample ID:** E.SW-28 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	230	59		mg/Kg	20	3/22/2021 1:23:18 PM	58877

**Lab ID:** 2103994-038 **Collection Date:** 3/19/2021 9:41:00 AM  
**Client Sample ID:** E.SW-29 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	220	60		mg/Kg	20	3/22/2021 2:00:22 PM	58877

**Lab ID:** 2103994-039 **Collection Date:** 3/19/2021 9:44:00 AM  
**Client Sample ID:** E.SW-30 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	200	60		mg/Kg	20	3/22/2021 2:12:43 PM	58877

**Lab ID:** 2103994-040 **Collection Date:** 3/19/2021 9:47:00 AM  
**Client Sample ID:** E.SW-31 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	190	60		mg/Kg	20	3/22/2021 2:25:04 PM	58877

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-041 **Collection Date:** 3/19/2021 9:50:00 AM

**Client Sample ID:** E.SW-32 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	110	61		mg/Kg	20	3/22/2021 2:37:24 PM	58877
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**Lab ID:** 2103994-042 **Collection Date:** 3/19/2021 9:53:00 AM

**Client Sample ID:** E.SW-33 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	220	60		mg/Kg	20	3/22/2021 2:49:44 PM	58877
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**Lab ID:** 2103994-043 **Collection Date:** 3/19/2021 9:56:00 AM

**Client Sample ID:** E.SW-34 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	170	60		mg/Kg	20	3/22/2021 3:02:04 PM	58877
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**Lab ID:** 2103994-044 **Collection Date:** 3/19/2021 9:59:00 AM

**Client Sample ID:** E.SW-35 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	230	60		mg/Kg	20	3/22/2021 3:14:25 PM	58877
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**Lab ID:** 2103994-045 **Collection Date:** 3/19/2021 10:02:00 AM

**Client Sample ID:** E.SW-36 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	210	60		mg/Kg	20	3/22/2021 3:26:46 PM	58877
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103994

Date Reported: 3/25/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-046 **Collection Date:** 3/19/2021 10:05:00 AM

**Client Sample ID:** E.SW-37 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	200	61		mg/Kg	20	3/22/2021 3:39:08 PM	58877
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**Lab ID:** 2103994-047 **Collection Date:** 3/19/2021 10:08:00 AM

**Client Sample ID:** E.SW-38 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	170	60		mg/Kg	20	3/22/2021 3:51:29 PM	58877
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**Lab ID:** 2103994-048 **Collection Date:** 3/19/2021 10:11:00 AM

**Client Sample ID:** E.SW-39 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	290	60		mg/Kg	20	3/22/2021 4:28:32 PM	58877
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**Lab ID:** 2103994-049 **Collection Date:** 3/19/2021 10:14:00 AM

**Client Sample ID:** E.SW-40 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	340	60		mg/Kg	20	3/22/2021 4:40:52 PM	58877
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**Lab ID:** 2103994-050 **Collection Date:** 3/19/2021 10:17:00 AM

**Client Sample ID:** E.SW-41 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2300	150		mg/Kg	50	3/23/2021 5:55:52 PM	58877
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: **2103994**

Date Reported: **3/25/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2103994

**Lab ID:** 2103994-051

**Collection Date:** 3/19/2021 10:20:00 AM

**Client Sample ID:** E.SW-42 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1100	60		mg/Kg	20	3/22/2021 5:05:33 PM	58877

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103994

25-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD

Sample ID: <b>MB-58871</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58871</b>	RunNo: <b>76097</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695053</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58871</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58871</b>	RunNo: <b>76097</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695054</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	90	110			

Sample ID: <b>MB-58874</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58874</b>	RunNo: <b>76097</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695085</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58874</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58874</b>	RunNo: <b>76097</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695086</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	90	110			

Sample ID: <b>MB-58877</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58877</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695239</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58877</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58877</b>	RunNo: <b>76127</b>								
Prep Date: <b>3/22/2021</b>	Analysis Date: <b>3/22/2021</b>	SeqNo: <b>2695240</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2103994 RcptNo: 1

Received By: Sean Livingston 3/20/2021 8:50:00 AM
Completed By: Sean Livingston 3/20/2021 10:07:53 AM
Reviewed By: [Signature] 3/20/21 [Signature]

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: SGL 3/20/21

Special Handling (if applicable)

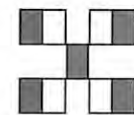
- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Rows 1 and 2.



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  Standard  Rush 3-Day

Project Name: Dark Canyon SWD (Dark Canyon)

Project #: 702958.001.01

Project Manager: R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers: 2

Cooler Temp (including CP): 43-0.2 = 4.1

Container Type and #

Preservative Type

Glass/ 1

Ice/Cool

HEAL No. 9.4-0.2=9.2

Z103994

Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	Glass/ 1	Ice/Cool	HEAL No.
3/19/21	7:50	Soil	E-57 14'					
	7:53		E-58 14'					
	7:56		E-59 14'					
	7:59		E-60 14'					
	8:02		E-61 14'					
	8:05		E-62 14'					
	8:08		E-63 14'					
	8:11		E-64 14'					
	8:14		E-65 14'					
	8:17		E-66 14'					
	8:20		E-67 14'					
	8:23		E-68 14'					

Chlorides X

Received by: *Wummie* Date: 3/19/21 12:10

Relinquished by: *Michael Collier*

Received by: *SGA counter* Date: 3/20/21 8:50

Relinquished by: *Wummie*

Remarks: Pg 1 of 5













Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

April 16, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2104530

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 12 sample(s) on 4/13/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2104530

Date Reported: 4/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2104530  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104530-001 **Collection Date:** 4/9/2021 9:30:00 AM

**Client Sample ID:** E.SW-13 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
----------	--------	----	------	-------	----	---------------	----------

**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	70	61		mg/Kg	20	4/15/2021 8:51:17 PM	59409
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**Lab ID:** 2104530-002 **Collection Date:** 4/9/2021 9:33:00 AM

**Client Sample ID:** E.SW-41 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	72	61		mg/Kg	20	4/15/2021 9:28:31 PM	59409
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**Lab ID:** 2104530-003 **Collection Date:** 4/9/2021 9:36:00 AM

**Client Sample ID:** E.SW-42 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	72	60		mg/Kg	20	4/15/2021 9:40:55 PM	59409
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**Lab ID:** 2104530-004 **Collection Date:** 4/9/2021 9:39:00 AM

**Client Sample ID:** E.SW-48 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	71	60		mg/Kg	20	4/15/2021 9:53:19 PM	59409
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**Lab ID:** 2104530-005 **Collection Date:** 4/9/2021 9:44:00 AM

**Client Sample ID:** E.SW-70 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	64	60		mg/Kg	20	4/15/2021 10:05:44 PM	59409
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104530

Date Reported: 4/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2104530

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104530-006

**Collection Date:** 4/9/2021 9:47:00 AM

**Client Sample ID:** E.SW-71 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	66	61		mg/Kg	20	4/15/2021 10:42:56 PM	59409
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**Lab ID:** 2104530-007

**Collection Date:** 4/9/2021 9:50:00 AM

**Client Sample ID:** E.SW-73 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	420	60		mg/Kg	20	4/15/2021 10:55:20 PM	59409
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**Lab ID:** 2104530-008

**Collection Date:** 4/9/2021 9:53:00 AM

**Client Sample ID:** E.SW-74 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	410	60		mg/Kg	20	4/15/2021 11:07:45 PM	59409
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**Lab ID:** 2104530-009

**Collection Date:** 4/9/2021 9:56:00 AM

**Client Sample ID:** E.SW-76 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	65	60		mg/Kg	20	4/15/2021 11:20:09 PM	59409
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**Lab ID:** 2104530-010

**Collection Date:** 4/9/2021 9:59:00 AM

**Client Sample ID:** E.SW-77 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	63	60		mg/Kg	20	4/15/2021 11:32:34 PM	59409
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104530

Date Reported: 4/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2104530

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104530-011

**Collection Date:** 4/9/2021 10:02:00 AM

**Client Sample ID:** E.SW-78 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	63	60		mg/Kg	20	4/15/2021 11:44:58 PM	59409
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**Lab ID:** 2104530-012

**Collection Date:** 4/9/2021 10:05:00 AM

**Client Sample ID:** E.SW-79 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	62	59		mg/Kg	20	4/15/2021 11:57:21 PM	59409
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2104530

16-Apr-21

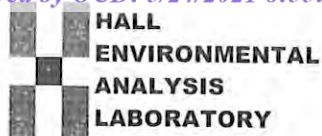
**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-59409</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59409</b>	RunNo: <b>76704</b>								
Prep Date: <b>4/14/2021</b>	Analysis Date: <b>4/15/2021</b>	SeqNo: <b>2718612</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59409</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59409</b>	RunNo: <b>76704</b>								
Prep Date: <b>4/14/2021</b>	Analysis Date: <b>4/15/2021</b>	SeqNo: <b>2718613</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.0	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2104530 RcptNo: 1

Received By: Juan Rojas 4/13/2021 7:35:00 AM
Completed By: Cheyenne Cason 4/13/2021 7:46:34 AM
Reviewed By: SGC 4/13/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: 30 4/13/21
(<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: Date:
By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.1, Good, [ ], [ ], [ ]







Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

March 31, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2103B81

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 120 sample(s) on 3/25/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-93 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:30:00 AM

**Lab ID:** 2103B81-001

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	6400	300		mg/Kg	100	3/27/2021 2:57:48 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-94 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:33:00 AM

**Lab ID:** 2103B81-002

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	6500	300		mg/Kg	100	3/27/2021 3:10:12 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-95 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:36:00 AM

**Lab ID:** 2103B81-003

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	600		mg/Kg	200	3/27/2021 3:22:37 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-96 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:39:00 AM

**Lab ID:** 2103B81-004

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	6300	300		mg/Kg	100	3/27/2021 3:35:01 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-97 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:42:00 AM

**Lab ID:** 2103B81-005

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5400	300		mg/Kg	100	3/27/2021 3:47:25 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-98 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:45:00 AM

**Lab ID:** 2103B81-006

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	600		mg/Kg	200	3/27/2021 3:59:50 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-99 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:48:00 AM

**Lab ID:** 2103B81-007

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9700	610		mg/Kg	200	3/27/2021 4:12:14 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-100 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:51:00 AM

**Lab ID:** 2103B81-008

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9100	300		mg/Kg	100	3/27/2021 4:24:39 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-101 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:54:00 AM

**Lab ID:** 2103B81-009

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	7900	300		mg/Kg	100	3/27/2021 4:37:04 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-102 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:57:00 AM

**Lab ID:** 2103B81-010

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	11000	600		mg/Kg	200	3/27/2021 5:14:18 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-103 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:00:00 AM

**Lab ID:** 2103B81-011

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	14000	600		mg/Kg	200	3/27/2021 5:26:42 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-104 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:03:00 AM

**Lab ID:** 2103B81-012

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	6700	300		mg/Kg	100	3/27/2021 5:39:07 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-105 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:27:00 AM

**Lab ID:** 2103B81-013

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	11000	600		mg/Kg	200	3/27/2021 5:51:31 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-106 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:30:00 AM

**Lab ID:** 2103B81-014

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	11000	600		mg/Kg	200	3/27/2021 6:03:56 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-107 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:33:00 AM

**Lab ID:** 2103B81-015

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	4700	300		mg/Kg	100	3/27/2021 6:16:21 PM	59004

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-108 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:36:00 AM

**Lab ID:** 2103B81-016

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3300	150		mg/Kg	50	3/29/2021 8:06:43 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-109 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:39:00 AM

**Lab ID:** 2103B81-017

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	690	60		mg/Kg	20	3/27/2021 11:48:01 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-110 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:42:00 AM

**Lab ID:** 2103B81-018

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2000	60		mg/Kg	20	3/27/2021 12:25:03 PM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-111 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:45:00 AM

**Lab ID:** 2103B81-019

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	7500	300		mg/Kg	100	3/29/2021 8:19:08 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-112 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:48:00 AM

**Lab ID:** 2103B81-020

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9400	300		mg/Kg	100	3/29/2021 8:31:32 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-113 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:51:00 AM

**Lab ID:** 2103B81-021

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	6200	300		mg/Kg	100	3/29/2021 8:43:57 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-114 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:54:00 AM

**Lab ID:** 2103B81-022

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5300	150		mg/Kg	50	3/29/2021 8:56:22 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-115 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 10:57:00 AM

**Lab ID:** 2103B81-023

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3600	150		mg/Kg	50	3/29/2021 9:08:46 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-116 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:00:00 AM

**Lab ID:** 2103B81-024

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	240	59		mg/Kg	20	3/27/2021 1:39:10 PM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-117 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:03:00 AM

**Lab ID:** 2103B81-025

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	190	59		mg/Kg	20	3/27/2021 1:51:31 PM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-118 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:06:00 AM

**Lab ID:** 2103B81-026

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	8200	300		mg/Kg	100	3/29/2021 9:21:11 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-119 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:09:00 AM

**Lab ID:** 2103B81-027

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9500	300		mg/Kg	100	3/29/2021 9:33:36 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-120 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:12:00 AM

**Lab ID:** 2103B81-028

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3800	150		mg/Kg	50	3/29/2021 9:46:00 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-121 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:15:00 AM

**Lab ID:** 2103B81-029

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	260	60		mg/Kg	20	3/27/2021 3:05:35 PM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-122 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:30:00 PM

**Lab ID:** 2103B81-030

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	150	60		mg/Kg	20	3/27/2021 3:17:56 PM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-123 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:33:00 PM

**Lab ID:** 2103B81-031

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	680	60		mg/Kg	20	3/27/2021 3:30:17 PM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-124 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:36:00 PM

**Lab ID:** 2103B81-032

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1200	60		mg/Kg	20	3/27/2021 3:42:38 PM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-125 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:39:00 PM

**Lab ID:** 2103B81-033

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	4500	150		mg/Kg	50	3/29/2021 9:58:24 AM	59013

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-126 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:42:00 PM

**Lab ID:** 2103B81-034

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9300	300		mg/Kg	100	3/27/2021 1:24:56 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-127 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:45:00 PM

**Lab ID:** 2103B81-035

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	600		mg/Kg	200	3/29/2021 10:35:39 AM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-128 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:48:00 PM

**Lab ID:** 2103B81-036

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9200	300		mg/Kg	100	3/27/2021 2:39:30 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-129 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:51:00 PM

**Lab ID:** 2103B81-037

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	8200	300		mg/Kg	100	3/27/2021 2:51:54 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-130 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:54:00 PM

**Lab ID:** 2103B81-038

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5700	300		mg/Kg	100	3/27/2021 3:29:06 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-131 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:57:00 PM

**Lab ID:** 2103B81-039

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	4900	300		mg/Kg	100	3/27/2021 3:41:31 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-132 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:00:00 PM

**Lab ID:** 2103B81-040

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1300	300		mg/Kg	100	3/27/2021 3:53:55 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-133 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:03:00 PM

**Lab ID:** 2103B81-041

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	320	300		mg/Kg	100	3/27/2021 4:06:19 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-134 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:06:00 PM

**Lab ID:** 2103B81-042

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	270	60		mg/Kg	20	3/29/2021 10:48:04 AM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-135 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:09:00 PM

**Lab ID:** 2103B81-043

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	350	300		mg/Kg	100	3/27/2021 4:31:08 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-136 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:12:00 PM

**Lab ID:** 2103B81-044

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	720	300		mg/Kg	100	3/27/2021 4:43:32 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-137 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:15:00 PM

**Lab ID:** 2103B81-045

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1000	300		mg/Kg	100	3/27/2021 4:55:57 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-138 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:18:00 PM

**Lab ID:** 2103B81-046

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	640	300		mg/Kg	100	3/27/2021 5:08:21 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-139 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:21:00 PM

**Lab ID:** 2103B81-047

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1600	300		mg/Kg	100	3/27/2021 5:20:46 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-140 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:24:00 PM

**Lab ID:** 2103B81-048

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	300		mg/Kg	100	3/27/2021 5:58:00 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-141 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:27:00 PM

**Lab ID:** 2103B81-049

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	300		mg/Kg	100	3/27/2021 6:10:25 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-142 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:30:00 PM

**Lab ID:** 2103B81-050

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	16000	600		mg/Kg	200	3/29/2021 11:00:28 AM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-143 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:33:00 PM

**Lab ID:** 2103B81-051

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9800	300		mg/Kg	100	3/27/2021 6:35:15 PM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-144 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:36:00 PM

**Lab ID:** 2103B81-052

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	600		mg/Kg	200	3/29/2021 11:12:52 AM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-145 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:39:00 PM

**Lab ID:** 2103B81-053

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	13000	600		mg/Kg	200	3/29/2021 11:25:16 AM	59014

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-146 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:42:00 PM

**Lab ID:** 2103B81-054

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	300		mg/Kg	100	3/27/2021 9:16:32 PM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-147 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:45:00 PM

**Lab ID:** 2103B81-055

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	14000	600		mg/Kg	200	3/29/2021 11:37:40 AM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-148 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:48:00 PM

**Lab ID:** 2103B81-056

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	12000	300		mg/Kg	100	3/27/2021 10:55:49 PM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-149 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:51:00 PM

**Lab ID:** 2103B81-057

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	10000	300		mg/Kg	100	3/27/2021 11:08:13 PM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-150 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:54:00 PM

**Lab ID:** 2103B81-058

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9400	300		mg/Kg	100	3/27/2021 11:20:37 PM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-151 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:57:00 PM

**Lab ID:** 2103B81-059

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	14000	600		mg/Kg	200	3/29/2021 11:50:04 AM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-152 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:00:00 PM

**Lab ID:** 2103B81-060

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	13000	600		mg/Kg	200	3/29/2021 12:02:29 PM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-153 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:03:00 PM

**Lab ID:** 2103B81-061

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	4000	300		mg/Kg	100	3/27/2021 11:57:50 PM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-154 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:06:00 PM

**Lab ID:** 2103B81-062

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1900	300		mg/Kg	100	3/28/2021 12:10:15 AM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-155 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:09:00 PM

**Lab ID:** 2103B81-063

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	10000	300		mg/Kg	100	3/28/2021 12:22:39 AM	59016

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-156 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:12:00 PM

**Lab ID:** 2103B81-064

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	8200	300		mg/Kg	100	3/29/2021 1:04:31 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-157 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:15:00 PM

**Lab ID:** 2103B81-065

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2200	300		mg/Kg	100	3/29/2021 1:41:46 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-158 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:18:00 PM

**Lab ID:** 2103B81-066

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1600	300		mg/Kg	100	3/29/2021 2:18:59 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-159 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:21:00 PM

**Lab ID:** 2103B81-067

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	10000	300		mg/Kg	100	3/29/2021 2:31:24 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-160 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:24:00 PM

**Lab ID:** 2103B81-068

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	9400	300		mg/Kg	100	3/29/2021 2:43:48 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-161 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:27:00 PM

**Lab ID:** 2103B81-069

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2900	300		mg/Kg	100	3/29/2021 2:56:13 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-162 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:30:00 PM

**Lab ID:** 2103B81-070

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3400	300		mg/Kg	100	3/29/2021 3:33:27 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-163 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:33:00 PM

**Lab ID:** 2103B81-071

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	7700	300		mg/Kg	100	3/29/2021 3:45:52 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-164 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:36:00 PM

**Lab ID:** 2103B81-072

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	11000	300		mg/Kg	100	3/29/2021 3:58:17 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-165 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:48:00 PM

**Lab ID:** 2103B81-073

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2800	300		mg/Kg	100	3/29/2021 4:10:42 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-166 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:51:00 PM

**Lab ID:** 2103B81-074

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2900	300		mg/Kg	100	3/29/2021 4:23:06 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-167 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:54:00 PM

**Lab ID:** 2103B81-075

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	6500	300		mg/Kg	100	3/29/2021 4:35:31 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-168 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:57:00 PM

**Lab ID:** 2103B81-076

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5200	300		mg/Kg	100	3/29/2021 4:47:55 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-169 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:00:00 PM

**Lab ID:** 2103B81-077

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5200	300		mg/Kg	100	3/29/2021 5:00:19 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-170 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:03:00 PM

**Lab ID:** 2103B81-078

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3900	300		mg/Kg	100	3/29/2021 5:12:43 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-171 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:06:00 PM

**Lab ID:** 2103B81-079

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5600	300		mg/Kg	100	3/29/2021 5:25:07 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-172 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:09:00 PM

**Lab ID:** 2103B81-080

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	6500	300		mg/Kg	100	3/29/2021 6:02:20 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-173 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:12:00 PM

**Lab ID:** 2103B81-081

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	4600	300		mg/Kg	100	3/29/2021 6:14:45 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-174 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:15:00 PM

**Lab ID:** 2103B81-082

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5000	300		mg/Kg	100	3/29/2021 6:27:09 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E-175 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:18:00 PM

**Lab ID:** 2103B81-083

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	7200	300		mg/Kg	100	3/29/2021 6:39:34 PM	59022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-43 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:06:00 AM

**Lab ID:** 2103B81-084

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	610	300		mg/Kg	100	3/29/2021 5:37:05 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-44 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:06:00 AM

**Lab ID:** 2103B81-085

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	950	300		mg/Kg	100	3/29/2021 6:39:10 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-45 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:09:00 AM

**Lab ID:** 2103B81-086

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	350	61		mg/Kg	20	3/30/2021 11:18:41 AM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-46 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:12:00 AM

**Lab ID:** 2103B81-087

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	500	59		mg/Kg	20	3/30/2021 11:31:06 AM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-47 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:15:00 AM

**Lab ID:** 2103B81-088

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	710	300		mg/Kg	100	3/29/2021 7:41:14 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-48 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:09:00 AM

**Lab ID:** 2103B81-089

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2900	300		mg/Kg	100	3/29/2021 7:53:39 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-49 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:12:00 AM

**Lab ID:** 2103B81-090

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2400	300		mg/Kg	100	3/29/2021 8:06:04 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-50 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:15:00 AM

**Lab ID:** 2103B81-091

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	130	60		mg/Kg	20	3/30/2021 11:43:30 AM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-51 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 11:18:00 AM

**Lab ID:** 2103B81-092

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	720	300		mg/Kg	100	3/29/2021 8:55:44 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-52 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:37:00 PM

**Lab ID:** 2103B81-093

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	320	60		mg/Kg	20	3/30/2021 11:55:55 AM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-53 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:40:00 PM

**Lab ID:** 2103B81-094

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	92	61		mg/Kg	20	3/30/2021 12:08:19 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-54 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:43:00 PM

**Lab ID:** 2103B81-095

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	200	60		mg/Kg	20	3/30/2021 12:20:43 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-55 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:46:00 PM

**Lab ID:** 2103B81-096

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	180	60		mg/Kg	20	3/30/2021 12:33:08 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-56 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:49:00 PM

**Lab ID:** 2103B81-097

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	130	59		mg/Kg	20	3/30/2021 12:45:31 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-57 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:50:00 PM

**Lab ID:** 2103B81-098

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	70	59		mg/Kg	20	3/30/2021 12:57:55 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-58 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:53:00 PM

**Lab ID:** 2103B81-099

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	68	60		mg/Kg	20	3/30/2021 1:10:20 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-59 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:56:00 PM

**Lab ID:** 2103B81-100

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	190	59		mg/Kg	20	3/30/2021 1:47:34 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-60 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 12:59:00 PM

**Lab ID:** 2103B81-101

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	250	61		mg/Kg	20	3/30/2021 1:59:58 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-61 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:02:00 PM

**Lab ID:** 2103B81-102

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	150	60		mg/Kg	20	3/30/2021 2:12:22 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-62 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:05:00 PM

**Lab ID:** 2103B81-103

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	61		mg/Kg	20	3/30/2021 2:24:46 PM	59024

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-63 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:08:00 PM

**Lab ID:** 2103B81-104

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	200	59		mg/Kg	20	3/30/2021 2:37:11 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-64 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:11:00 PM

**Lab ID:** 2103B81-105

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	770	300		mg/Kg	100	3/29/2021 11:37:11 AM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-65 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:14:00 PM

**Lab ID:** 2103B81-106

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	940	300		mg/Kg	100	3/29/2021 11:49:36 AM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-66 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 1:17:00 PM

**Lab ID:** 2103B81-107

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	720	300		mg/Kg	100	3/29/2021 12:02:00 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-67 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:15:00 PM

**Lab ID:** 2103B81-108

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	220	60		mg/Kg	20	3/30/2021 2:49:35 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-68 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:18:00 PM

**Lab ID:** 2103B81-109

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	260	61		mg/Kg	20	3/30/2021 3:01:59 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-69 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:21:00 PM

**Lab ID:** 2103B81-110

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1100	300		mg/Kg	100	3/29/2021 12:39:14 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-70 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:24:00 PM

**Lab ID:** 2103B81-111

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2000	300		mg/Kg	100	3/29/2021 12:51:39 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-71 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:27:00 PM

**Lab ID:** 2103B81-112

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2700	300		mg/Kg	100	3/29/2021 1:28:52 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-72 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:30:00 PM

**Lab ID:** 2103B81-113

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	880	300		mg/Kg	100	3/29/2021 1:41:17 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-73 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:33:00 PM

**Lab ID:** 2103B81-114

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1200	300		mg/Kg	100	3/29/2021 1:53:42 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-74 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:36:00 PM

**Lab ID:** 2103B81-115

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3000	300		mg/Kg	100	3/29/2021 2:06:07 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-75 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 2:39:00 PM

**Lab ID:** 2103B81-116

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1800	300		mg/Kg	100	3/29/2021 2:18:32 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-76 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:21:00 PM

**Lab ID:** 2103B81-117

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1700	300		mg/Kg	100	3/29/2021 2:30:57 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-77 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:24:00 PM

**Lab ID:** 2103B81-118

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2300	300		mg/Kg	100	3/29/2021 2:43:21 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-78 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:27:00 PM

**Lab ID:** 2103B81-119

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1500	300		mg/Kg	100	3/29/2021 2:55:46 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Analytical Report**

Lab Order **2103B81**

Date Reported: **3/31/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Client Sample ID:** E.SW-79 14'

**Project:** Dark Canyon SWD (Dark Canyon)

**Collection Date:** 3/23/2021 3:30:00 PM

**Lab ID:** 2103B81-120

**Matrix:** SOIL

**Received Date:** 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	2100	300		mg/Kg	100	3/29/2021 3:08:10 PM	59027

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103B81

31-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-59004</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59004</b>	RunNo: <b>76245</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2700011</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>MB-59014</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59014</b>	RunNo: <b>76258</b>								
Prep Date: <b>3/27/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700023</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59014</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59014</b>	RunNo: <b>76258</b>								
Prep Date: <b>3/27/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700024</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: <b>MB-59016</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59016</b>	RunNo: <b>76258</b>								
Prep Date: <b>3/27/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700053</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59016</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59016</b>	RunNo: <b>76258</b>								
Prep Date: <b>3/27/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700054</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	90	110			

Sample ID: <b>MB-59004</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59004</b>	RunNo: <b>76259</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700102</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103B81

31-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>LCS-59004</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59004</b>	RunNo: <b>76259</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700103</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Sample ID: <b>MB-59013</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59013</b>	RunNo: <b>76260</b>								
Prep Date: <b>3/27/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700139</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59013</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59013</b>	RunNo: <b>76260</b>								
Prep Date: <b>3/27/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700140</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: <b>MB-59022</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59022</b>	RunNo: <b>76295</b>								
Prep Date: <b>3/29/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701361</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59022</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59022</b>	RunNo: <b>76295</b>								
Prep Date: <b>3/29/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701362</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

Sample ID: <b>MB-59027</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59027</b>	RunNo: <b>76300</b>								
Prep Date: <b>3/29/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701629</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103B81

31-Mar-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

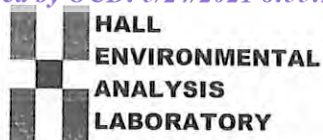
Sample ID: <b>LCS-59027</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59027</b>	RunNo: <b>76300</b>								
Prep Date: <b>3/29/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701630</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.8	90	110			

Sample ID: <b>MB-59024</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59024</b>	RunNo: <b>76300</b>								
Prep Date: <b>3/29/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701659</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59024</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59024</b>	RunNo: <b>76300</b>								
Prep Date: <b>3/29/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701660</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.1	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2103B81

RcptNo: 1

Received By: Juan Rojas

3/25/2021 7:30:00 AM

[Signature]

Completed By: Cheyenne Cason

3/25/2021 7:50:50 AM

Reviewed By:

JR 3/25/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: SPA 3.25.21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.

### Chain-of-Custody Record

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-Day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler:  
 Michael Collier/ Marcia Costa  
 On Ice:  Yes  No  
 # of Coolers: 2  
 Cooler Temp (including CF): 4.7-0.1-5.2  
 2103B81

Date	Time	Matrix	Sample Name
3/23/2021	10:30	Soil	E-93 14'
	10:33		E-94 14'
	10:36		E-95 14'
	10:39		E-96 14'
	10:42		E-97 14'
	10:45		E-98 14'
	10:48		E-99 14'
	10:51		E-100 14'
	10:54		E-101 14'
	10:57		E-102 14'
	11:00		E-103 14'
	11:03		E-104 14'

Date: 3/24/21 805  
 Relinquished by: Michael Collier  
 Date: 3/24/21 1900  
 Relinquished by: Michael Collier

Container Type and #	Preservative Type	HEAL No.
Glass/ 1	Ice/Cool	001
		002
		003
		004
		005
		006
		007
		008
		009
		010
		011
		012

Received by: Whinnig  
 Date: 3/24/21 805  
 Received by: Whinnig  
 Date: 3/24/21 7:30



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

C	h	i	o	r	i	d	e	s	X
---	---	---	---	---	---	---	---	---	---

Remarks: Pg 1 of 10

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

Turn-Around Time:		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush 3-Day	
Project Name:		Dark Canyon SWD (Dark Canyon)	
Project #:		702958.001.01	
Project Manager:		R. Pons	
Sampler:		Michael Collier/Marcia Costa	
On Ice:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
# of Coolers:		7	
Cooler Temp (including CF):		4.7-0.1-4.6	
Container Type and #	Preservative Type	S3-0.1-G.2 HEAL No. 2103881	
Glass/ 1	Ice/Cool	013	
		014	
		015	
		016	
		017	
		018	
		019	
		020	
		021	
		022	
		023	
		024	

C h i o r i d e s X

Remarks: Pg 2 of 10

### Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)

Date	Time	Matrix	Sample Name
3/23/2021	10:27	Soil	E-105 14'
	10:30		E-106 14'
	10:33		E-107 14'
	10:36		E-108 14'
	10:39		E-109 14'
	10:42		E-110 14'
	10:45		E-111 14'
	10:48		E-112 14'
	10:51		E-113 14'
	10:54		E-114 14'
	10:57		E-115 14'
	11:00		E-116 14'

Date: 3/24/21 805 Relinquished by: M. Hall

Date: 3/24/21 1400 Relinquished by: M. Hall

Received by: Via: Date Time

Received by: Via: Date Time



### Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
Artesia, NM 88210

Phone #: 575.746.8768  
email or Fax#:

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)

Turn-Around Time:  Standard  Rush 3-Day

Project Name: Dark Canyon SWD (Dark Canyon)

Project #: 702958.001.01

Project Manager: R. Pons

Sampler: Michael Collier/Marcia Costa

On Ice:  Yes  No

# of Coolers: 2

Cooler Temp (including CF): 47.01 = 4.6

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/23/2021	11:03	Soil	E-117 14'	Glass/ 1	Ice/Cool	025
	11:06		E-118 14'			026
	11:09		E-119 14'			027
	11:12		E-120 14'			028
	11:15		E-121 14'			029
	12:30		E-122 14'			030
	12:33		E-123 14'			031
	12:36		E-124 14'			032
	12:39		E-125 14'			034
	12:42		E-126 14'			035
	12:45		E-127 14'			035
	12:48		E-128 14'			036

Received by: *[Signature]* Date: 3/24/21 Time: 805

Relinquished by: *[Signature]*

Received by: *[Signature]* Date: 3/24/21 Time: 7:30

C h l o r i d e s

X

Remarks: Pg 3 of 10

### Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
Artesia, NM 88210

Phone #: 575.746.8768  
email or Fax#:

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  Other  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-Day

Project Name:  
Dark Canyon SWD (Dark Canyon)

Project #:  
702958.001.01

Project Manager:  
R. Pons

Sampler:  
Michael Collier/ Marisa Costa

On Ice:  Yes  No

# of Coolers: 2

Cooler Temp (including CF): 47-0.1-54.6

Container Type and #	Preservative Type	HEAL No.
Glass/ 1	Ice/Cool	037
		038
		039
		040
		041
		042
		043
		044
		045
		046
		047
		048

Turn-Around Time:  
 Standard  Rush 3-Day

Project Name:  
Dark Canyon SWD (Dark Canyon)

Project #:  
702958.001.01

Project Manager:  
R. Pons

Sampler:  
Michael Collier/ Marisa Costa

On Ice:  Yes  No

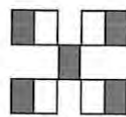
# of Coolers: 2

Cooler Temp (including CF): 47-0.1-54.6

Date	Time	Matrix	Sample Name
3/23/2021	12:51	Soil	E-129 14'
	12:54		E-130 14'
	12:57		E-131 14'
	1:00		E-132 14'
	1:03		E-133 14'
	1:06		E-134 14'
	1:09		E-135 14'
	1:12		E-136 14'
	1:15		E-137 14'
	1:18		E-138 14'
	1:21		E-139 14'
	1:24		E-140 14'

Received by: *Winnings* Date: 3/24/21 Time: 805

Received by: *A. Collier* Date: 3/24/21 Time: 7:30



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

C h l o r i d e s

Remarks: Pg 4 of 10







### Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
Artesia, NM 88210

Phone #: 575.746.8768  
email or Fax#:

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-Day

Project Name:  
Dark Canyon SWD (Dark Canyon)

Project #:  
702958.001.01

Project Manager:  
R. Pons

Sampler:  
Michael Collier/Marcia Costa

On Ice:  Yes  No

# of Coolers: 2

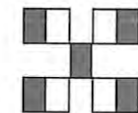
Cooler Temp (including CF): 47.01 = 4.6

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	Glass/ 1
3/23/2021	11:06	Soil	E-SW-44 14'			085
	11:09		E-SW-45 14'			086
	11:12		E-SW-46 14'			087
	11:15		E-SW-47 14'			089 088
	11:09		E-SW-48 14'			090 089
	11:12		E-SW-49 14'			091 090
	11:15		E-SW-50 14'			092 091
	11:18		E-SW-51 14'			093 092
	12:37		E-SW-52 14'			094 093
	12:40		E-SW-53 14'			095 094
	12:43		E-SW-54 14'			096 095
	12:46		E-SW-55 14'			098 096

Received by: *[Signature]* Date: 3/24/21 8:05

Relinquished by: *[Signature]* Date: 3/24/21 7:30

Received by: *[Signature]* Date: 3/24/21 7:30



### HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

#### Analysis Request

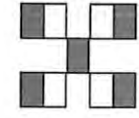
C h l o r i d e s

X

Remarks: Pg 8 of 10



# Chain-of-Custody Record



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

Turn-Around Time:  
 Standard  Rush 3-Day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R. Pons  
 Sampler:  
 Michael Collier/ Marcia Costa  
 On Ice:  Yes  No  
 # of Coolers: 2  
 Cooler Temp (including CF): 47-0.1 = 4.6  
 Container Type and #  
 Glass/ 1  
 Preservative Type  
 Icel/Cool  
 HEAL No.  
 53-0.1 = 5.2

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	Cooler Temp (including CF)	HEAL No.
3/23/2021	14:18	Soil	E-SW-68 14'	Glass/ 1	Icel/Cool	109	
	14:21		E-SW-69 14'			110	
	14:24		E-SW-70 14'			111	
	14:27		E-SW-71 14'			112	
	14:30		E-SW-72 14'			113	
	14:33		E-SW-73 14'			114	
	14:36		E-SW-74 14'			115	
	14:39		E-SW-75 14'			116	
	3:21		E-SW-76 14'			117	
	3:24		E-SW-77 14'			118	
	3:27		E-SW-78 14'			119	
	3:30		E-SW-79 14'			120	

Received by: *[Signature]* Date: 3/23/21 Time: 8:05  
 Relinquished by: *[Signature]*  
 Received by: *[Signature]* Date: 3/25/21 Time: 7:30  
 Relinquished by: *[Signature]*

C h l o r i d e s

X

Remarks: Pg 10 of 10

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

April 02, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2103C25

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 73 sample(s) on 3/26/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-001 **Collection Date:** 3/24/2021 10:00:00 AM  
**Client Sample ID:** E-176 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	5600	300		mg/Kg	100	3/31/2021 7:18:26 AM	59064

**Lab ID:** 2103C25-002 **Collection Date:** 3/24/2021 10:03:00 AM  
**Client Sample ID:** E-177 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	7800	300		mg/Kg	100	3/31/2021 7:30:48 AM	59064

**Lab ID:** 2103C25-003 **Collection Date:** 3/24/2021 10:06:00 AM  
**Client Sample ID:** E-178 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	6500	300		mg/Kg	100	3/31/2021 7:43:09 AM	59064

**Lab ID:** 2103C25-004 **Collection Date:** 3/24/2021 10:09:00 AM  
**Client Sample ID:** E-179 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	4300	150		mg/Kg	50	3/31/2021 7:55:30 AM	59064

**Lab ID:** 2103C25-005 **Collection Date:** 3/24/2021 10:12:00 AM  
**Client Sample ID:** E-180 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	5800	300		mg/Kg	100	3/31/2021 8:07:51 AM	59064

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-006 **Collection Date:** 3/24/2021 10:15:00 AM  
**Client Sample ID:** E-181 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	12000	600		mg/Kg	200	3/31/2021 8:20:12 AM	59064

**Lab ID:** 2103C25-007 **Collection Date:** 3/24/2021 10:18:00 AM  
**Client Sample ID:** E-182 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	17000	600		mg/Kg	200	3/31/2021 8:32:33 AM	59064

**Lab ID:** 2103C25-008 **Collection Date:** 3/24/2021 10:21:00 AM  
**Client Sample ID:** E-183 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5200	300		mg/Kg	100	3/31/2021 7:48:59 AM	59064

**Lab ID:** 2103C25-009 **Collection Date:** 3/24/2021 10:24:00 AM  
**Client Sample ID:** E-184 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	3000	150		mg/Kg	50	3/31/2021 8:01:24 AM	59064

**Lab ID:** 2103C25-010 **Collection Date:** 3/24/2021 10:27:00 AM  
**Client Sample ID:** E-185 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5500	300		mg/Kg	100	3/31/2021 11:06:49 AM	59064

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-011 **Collection Date:** 3/24/2021 10:30:00 AM  
**Client Sample ID:** E-186 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	7800	300		mg/Kg	100	3/31/2021 11:19:13 AM	59064

**Lab ID:** 2103C25-012 **Collection Date:** 3/24/2021 10:33:00 AM  
**Client Sample ID:** E-187 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	2400	150		mg/Kg	50	3/31/2021 11:31:38 AM	59064

**Lab ID:** 2103C25-013 **Collection Date:** 3/24/2021 10:36:00 AM  
**Client Sample ID:** E-188 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	1200	59		mg/Kg	20	3/31/2021 4:17:10 AM	59064

**Lab ID:** 2103C25-014 **Collection Date:** 3/24/2021 10:39:00 AM  
**Client Sample ID:** E-189 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	8800	300		mg/Kg	100	3/31/2021 11:44:03 AM	59066

**Lab ID:** 2103C25-015 **Collection Date:** 3/24/2021 10:42:00 AM  
**Client Sample ID:** E-190 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: VP							
Chloride	7400	300		mg/Kg	100	3/31/2021 12:21:18 PM	59066

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-016

**Collection Date:** 3/24/2021 10:45:00 AM

**Client Sample ID:** E-191 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1400	60		mg/Kg	20	3/31/2021 6:33:43 AM	59066
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**Lab ID:** 2103C25-017

**Collection Date:** 3/24/2021 10:48:00 AM

**Client Sample ID:** E-192 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	400	59		mg/Kg	20	3/31/2021 6:46:08 AM	59066
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**Lab ID:** 2103C25-018

**Collection Date:** 3/24/2021 10:51:00 AM

**Client Sample ID:** E-193 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1400	61		mg/Kg	20	3/31/2021 7:23:22 AM	59066
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**Lab ID:** 2103C25-019

**Collection Date:** 3/24/2021 10:54:00 AM

**Client Sample ID:** E-194 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1700	60		mg/Kg	20	3/31/2021 7:35:46 AM	59066
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**Lab ID:** 2103C25-020

**Collection Date:** 3/24/2021 10:57:00 AM

**Client Sample ID:** E-195 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	450	60		mg/Kg	20	3/31/2021 7:48:11 AM	59066
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-021

**Collection Date:** 3/24/2021 11:00:00 AM

**Client Sample ID:** E-196 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	360	60		mg/Kg	20	3/31/2021 8:00:36 AM	59066
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**Lab ID:** 2103C25-022

**Collection Date:** 3/24/2021 11:03:00 AM

**Client Sample ID:** E-197 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2500	150		mg/Kg	50	3/31/2021 12:33:43 PM	59066
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**Lab ID:** 2103C25-023

**Collection Date:** 3/24/2021 11:06:00 AM

**Client Sample ID:** E-198 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2400	150		mg/Kg	50	3/31/2021 12:46:08 PM	59066
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**Lab ID:** 2103C25-024

**Collection Date:** 3/24/2021 11:09:00 AM

**Client Sample ID:** E-199 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	940	59		mg/Kg	20	3/31/2021 8:37:50 AM	59066
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**Lab ID:** 2103C25-025

**Collection Date:** 3/24/2021 12:40:00 PM

**Client Sample ID:** E-200 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	6400	300		mg/Kg	100	3/31/2021 12:58:33 PM	59066
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-026 **Collection Date:** 3/24/2021 12:43:00 PM

**Client Sample ID:** E-201 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	3200	150		mg/Kg	50	3/31/2021 1:10:58 PM	59066

**Lab ID:** 2103C25-027 **Collection Date:** 3/24/2021 12:46:00 PM

**Client Sample ID:** E-202 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	880	60		mg/Kg	20	3/31/2021 9:15:06 AM	59066

**Lab ID:** 2103C25-028 **Collection Date:** 3/24/2021 12:49:00 PM

**Client Sample ID:** E-203 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	850	59		mg/Kg	20	3/31/2021 9:52:21 AM	59066

**Lab ID:** 2103C25-029 **Collection Date:** 3/24/2021 12:52:00 PM

**Client Sample ID:** E-204 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	640	60		mg/Kg	20	3/31/2021 10:04:46 AM	59066

**Lab ID:** 2103C25-030 **Collection Date:** 3/24/2021 12:55:00 PM

**Client Sample ID:** E-205 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	750	60		mg/Kg	20	3/31/2021 10:17:10 AM	59066

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-031 **Collection Date:** 3/24/2021 12:58:00 PM  
**Client Sample ID:** E-206 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	710	60		mg/Kg	20	3/31/2021 10:29:35 AM	59066

**Lab ID:** 2103C25-032 **Collection Date:** 3/24/2021 1:01:00 PM  
**Client Sample ID:** E-207 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	630	60		mg/Kg	20	3/31/2021 10:41:59 AM	59066

**Lab ID:** 2103C25-033 **Collection Date:** 3/24/2021 1:04:00 PM  
**Client Sample ID:** E-208 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	1600	59		mg/Kg	20	3/31/2021 10:54:24 AM	59066

**Lab ID:** 2103C25-034 **Collection Date:** 3/24/2021 1:07:00 PM  
**Client Sample ID:** E-209 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	5400	300		mg/Kg	100	3/31/2021 1:23:23 PM	59068

**Lab ID:** 2103C25-035 **Collection Date:** 3/24/2021 1:10:00 PM  
**Client Sample ID:** E-210 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	3400	150		mg/Kg	50	3/31/2021 1:35:48 PM	59068

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-036

**Collection Date:** 3/24/2021 1:13:00 PM

**Client Sample ID:** E-211 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	860	60		mg/Kg	20	3/30/2021 7:49:06 PM	59068
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**Lab ID:** 2103C25-037

**Collection Date:** 3/24/2021 1:16:00 PM

**Client Sample ID:** E-212 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	520	59		mg/Kg	20	3/30/2021 8:01:31 PM	59068
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**Lab ID:** 2103C25-038

**Collection Date:** 3/24/2021 1:19:00 PM

**Client Sample ID:** E-213 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1500	60		mg/Kg	20	3/30/2021 8:13:55 PM	59068
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**Lab ID:** 2103C25-039

**Collection Date:** 3/24/2021 1:22:00 PM

**Client Sample ID:** E-214 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	680	60		mg/Kg	20	3/30/2021 8:26:19 PM	59068
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**Lab ID:** 2103C25-040

**Collection Date:** 3/24/2021 1:25:00 PM

**Client Sample ID:** E-215 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	530	60		mg/Kg	20	3/30/2021 8:38:44 PM	59068
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-041

**Collection Date:** 3/24/2021 1:28:00 PM

**Client Sample ID:** E-216 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	550	60		mg/Kg	20	3/30/2021 9:15:59 PM	59068
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**Lab ID:** 2103C25-042

**Collection Date:** 3/24/2021 1:31:00 PM

**Client Sample ID:** E-217 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	660	61		mg/Kg	20	3/30/2021 9:28:23 PM	59068
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**Lab ID:** 2103C25-043

**Collection Date:** 3/24/2021 1:34:00 PM

**Client Sample ID:** E-218 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1200	60		mg/Kg	20	3/30/2021 9:40:47 PM	59068
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**Lab ID:** 2103C25-044

**Collection Date:** 3/24/2021 1:37:00 PM

**Client Sample ID:** E-219 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	720	60		mg/Kg	20	3/30/2021 9:53:11 PM	59068
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**Lab ID:** 2103C25-045

**Collection Date:** 3/24/2021 1:40:00 PM

**Client Sample ID:** E-220 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	940	60		mg/Kg	20	3/30/2021 10:05:35 PM	59068
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103C25

**Lab ID:** 2103C25-046 **Collection Date:** 3/24/2021 1:43:00 PM

**Client Sample ID:** E-221 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	540	60		mg/Kg	20	3/30/2021 10:17:59 PM	59068

**Lab ID:** 2103C25-047 **Collection Date:** 3/24/2021 1:46:00 PM

**Client Sample ID:** E-222 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	520	60		mg/Kg	20	3/30/2021 10:30:24 PM	59068

**Lab ID:** 2103C25-048 **Collection Date:** 3/24/2021 1:49:00 PM

**Client Sample ID:** E-223 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	620	60		mg/Kg	20	3/30/2021 10:42:48 PM	59068

**Lab ID:** 2103C25-049 **Collection Date:** 3/24/2021 2:40:00 PM

**Client Sample ID:** E-224 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	600	60		mg/Kg	20	3/30/2021 10:55:13 PM	59068

**Lab ID:** 2103C25-050 **Collection Date:** 3/24/2021 2:43:00 PM

**Client Sample ID:** E-225 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	680	60		mg/Kg	20	3/30/2021 11:07:37 PM	59068

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-051 **Collection Date:** 3/24/2021 11:12:00 AM  
**Client Sample ID:** E.SW-80 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	3500	150		mg/Kg	50	3/31/2021 1:48:12 PM	59068

**Lab ID:** 2103C25-052 **Collection Date:** 3/24/2021 11:15:00 AM  
**Client Sample ID:** E.SW-81 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	3600	150		mg/Kg	50	3/31/2021 2:00:37 PM	59068

**Lab ID:** 2103C25-053 **Collection Date:** 3/24/2021 11:18:00 AM  
**Client Sample ID:** E.SW-82 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	1000	60		mg/Kg	20	3/31/2021 12:09:42 AM	59068

**Lab ID:** 2103C25-054 **Collection Date:** 3/24/2021 11:21:00 AM  
**Client Sample ID:** E.SW-83 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	520	60		mg/Kg	20	3/31/2021 12:20:10 AM	59070

**Lab ID:** 2103C25-055 **Collection Date:** 3/24/2021 11:24:00 AM  
**Client Sample ID:** E.SW-84 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	380	60		mg/Kg	20	3/31/2021 12:57:13 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-056 **Collection Date:** 3/24/2021 11:27:00 AM  
**Client Sample ID:** E.SW-85 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	620	61		mg/Kg	20	3/31/2021 1:59:00 AM	59070

**Lab ID:** 2103C25-057 **Collection Date:** 3/24/2021 11:30:00 AM  
**Client Sample ID:** E.SW-86 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	760	60		mg/Kg	20	3/31/2021 2:11:20 AM	59070

**Lab ID:** 2103C25-058 **Collection Date:** 3/24/2021 1:52:00 PM  
**Client Sample ID:** E.SW-87 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	830	60		mg/Kg	20	3/31/2021 2:23:41 AM	59070

**Lab ID:** 2103C25-059 **Collection Date:** 3/24/2021 1:55:00 PM  
**Client Sample ID:** E.SW-88 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	650	60		mg/Kg	20	3/31/2021 2:36:02 AM	59070

**Lab ID:** 2103C25-060 **Collection Date:** 3/24/2021 1:58:00 PM  
**Client Sample ID:** E.SW-89 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	390	59		mg/Kg	20	3/31/2021 2:48:23 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-061 **Collection Date:** 3/24/2021 2:01:00 PM  
**Client Sample ID:** E.SW-90 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	1200	60		mg/Kg	20	3/31/2021 3:00:45 AM	59070

**Lab ID:** 2103C25-062 **Collection Date:** 3/24/2021 2:04:00 PM  
**Client Sample ID:** E.SW-91 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	1100	60		mg/Kg	20	3/31/2021 3:13:05 AM	59070

**Lab ID:** 2103C25-063 **Collection Date:** 3/24/2021 2:07:00 PM  
**Client Sample ID:** E.SW-92 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	540	60		mg/Kg	20	3/31/2021 3:25:26 AM	59070

**Lab ID:** 2103C25-064 **Collection Date:** 3/24/2021 2:10:00 PM  
**Client Sample ID:** E.SW-93 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	570	60		mg/Kg	20	3/31/2021 3:37:48 AM	59070

**Lab ID:** 2103C25-065 **Collection Date:** 3/24/2021 2:13:00 PM  
**Client Sample ID:** E.SW-94 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	660	60		mg/Kg	20	3/31/2021 3:50:08 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-066 **Collection Date:** 3/24/2021 2:16:00 PM  
**Client Sample ID:** E.SW-95 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	460	59		mg/Kg	20	3/31/2021 4:27:10 AM	59070

**Lab ID:** 2103C25-067 **Collection Date:** 3/24/2021 2:19:00 PM  
**Client Sample ID:** E.SW-96 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	380	59		mg/Kg	20	3/31/2021 4:39:31 AM	59070

**Lab ID:** 2103C25-068 **Collection Date:** 3/24/2021 2:22:00 PM  
**Client Sample ID:** E.SW-97 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	320	60		mg/Kg	20	3/31/2021 4:51:51 AM	59070

**Lab ID:** 2103C25-069 **Collection Date:** 3/24/2021 2:25:00 PM  
**Client Sample ID:** E.SW-98 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	280	60		mg/Kg	20	3/31/2021 5:04:11 AM	59070

**Lab ID:** 2103C25-070 **Collection Date:** 3/24/2021 2:28:00 PM  
**Client Sample ID:** E.SW-99 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	600	60		mg/Kg	20	3/31/2021 5:16:31 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-071 **Collection Date:** 3/24/2021 2:31:00 PM  
**Client Sample ID:** E.SW-100 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	580	60		mg/Kg	20	3/31/2021 5:28:52 AM	59070

**Lab ID:** 2103C25-072 **Collection Date:** 3/24/2021 2:34:00 PM  
**Client Sample ID:** E.SW-101 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	760	60		mg/Kg	20	3/31/2021 5:41:12 AM	59070

**Lab ID:** 2103C25-073 **Collection Date:** 3/24/2021 2:37:00 PM  
**Client Sample ID:** E.SW-102 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	2300	60		mg/Kg	20	3/31/2021 5:53:33 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103C25

02-Apr-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-59068</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59068</b>	RunNo: <b>76310</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2702759</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59068</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59068</b>	RunNo: <b>76310</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2702760</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.2	90	110			

Sample ID: <b>MB-59070</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59070</b>	RunNo: <b>76337</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2703118</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59070</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59070</b>	RunNo: <b>76337</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/31/2021</b>	SeqNo: <b>2703119</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	90	110			

Sample ID: <b>MB-59064</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59064</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2703414</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59064</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59064</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2703415</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	16	1.5	15.00	0	110	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103C25

02-Apr-21

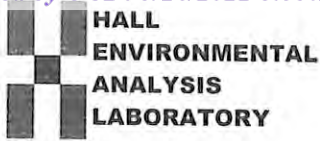
**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-59066</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59066</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/31/2021</b>	SeqNo: <b>2703446</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59066</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59066</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/31/2021</b>	SeqNo: <b>2703447</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.7	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawks NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2103C25 RcptNo: 1

Received By: Juan Rojas 3/26/2021 7:35:00 AM
Completed By: Cheyenne Cason 3/26/2021 8:12:57 AM
Reviewed By: SGL 3/26/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: 10 3/26/21
(<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: Date:
By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 8.4, Good, [ ], [ ], [ ]

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 email or Fax#:

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-Day

Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01

Project Manager:  
 R. Pons

Sampler:  
 Michael Collier

On Ice:  Yes  No

# of Coolers:  
 Cooler Temp (including CF): 5.4-058.4

Container Type and #  
 Preservative Type  
 HEAL No.  
 2103025

Date	Time	Matrix	Sample Name	Glass/ 1	Preservative Type	HEAL No.
3/24/2021	10:00	Soil	E-176 14'		Ice/Cool	001
	10:03		E-177 14'			002
	10:06		E-178 14'			003
	10:09		E-179 14'			004
	10:12		E-180 14'			005
	10:15		E-181 14'			006
	10:18		E-182 14'			007
	10:21		E-183 14'			008
	10:24		E-184 14'			009
	10:27		E-185 14'			010
	10:30		E-186 14'			011
	10:33		E-187 14'			012

Chlorides X

Date: 3/25/21 800  
 Relinquished by: *[Signature]*

Date: 3/25/21 1900  
 Relinquished by: *[Signature]*

Received by: *[Signature]* Date: 3/24/21 800  
 Via: *[Signature]*

Received by: *[Signature]* Date: 3/26/21 7:35  
 Via: *[Signature]*

Remarks: Pg 1 of 7

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
Artesia, NM 88210

Phone #: 575.746.8768  
email or Fax#:

QA/QC Package:  
 Standard     Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC     Other  
 EDD (Type)

Turn-Around Time:  
 Standard     Rush 3-Day

Project Name:  
Dark Canyon SWD (Dark Canyon)

Project #:  
702958.001.01

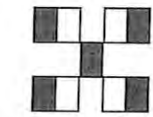
Project Manager:  
R. Pons

Sampler:  
Michael Collier

On Ice:  Yes     No

# of Coolers: 1  
Cooler Temp (including OF): 5.4-0.58.4

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/24/2021	10:36	Soil	E-188 14'	Glass/ 1	Ice/Cool	013
	10:39		E-189 14'			014
	10:42		E-190 14'			015
	10:45		E-191 14'			016
	10:48		E-192 14'			017
	10:51		E-193 14'			018
	10:54		E-194 14'			019
	10:57		E-195 14'			020
	11:00		E-196 14'			021
	11:03		E-197 14'			022
	11:06		E-198 14'			023
	11:09		E-199 14'			024



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109  
Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

C h i o r i d e s									
X									

Relinquished by: *M. Collier* Date: 3/24/21 800

Relinquished by: *Michael Collier* Date: 3/26/21 2:35

Received by: *Michael Collier* Date: 3/26/21 800

Received by: *Michael Collier* Date: 3/26/21 2:35

Remarks: Pg 2 of 7

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush 3-Day

Project Name:

Dark Canyon SWD (Dark Canyon)

Project #:

702958.001.01

Project Manager:

R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 5.4-0-8.4

Container Type and #

Preservative Type

HEAL No.

Glass/ 1

Ice/Cool

025

12:40

E-200 14'

12:43

E-201 14'

12:46

E-202 14'

12:49

E-203 14'

12:52

E-204 14'

12:55

E-205 14'

12:58

E-206 14'

1:01

E-207 14'

1:04

E-208 14'

1:07

E-209 14'

1:10

E-210 14'

1:13

E-211 14'

Date: 3/25/21

Time: 0900

Relinquished by:

*Michael Collier*

Date: 3/25/21

Time: 1900

Relinquished by:

*R. Pons*

Received by:

*Michael Collier*

Via:

3/24/21 8:00

Date

Time

Received by:

*R. Pons*

Via:

3/26/21 7:35

Date

Time

Remarks: Pg 3 of 7

C h l o r i d e s

X

## Analysis Request

### HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107



# Chain-of-Custody Record



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

Turn-Around Time:		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> <b>Rush</b> 3-Day					
Project Name:		Dark Canyon SWD (Dark Canyon)					
Project #:		702958.001.01					
Project Manager:		R. Pons					
Sampler:		Michael Collier					
On Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
# of Coolers:		1					
Cooler Temp (including OF):		64-0-84					
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	
3/24/2021	2:40	Soil	E-224 14'	Glass/ 1	Ice/Cool	049	
	2:43		E-225 14'			050	
	11:12		E-SW-80 14'			051	
	11:15		E-SW-81 14'			052	
	11:18		E-SW-82 14'			053	
	11:21		E-SW-83 14'			054	
	11:24		E-SW-84 14'			055	
	11:27		E-SW-85 14'			056	
	11:30		E-SW-86 14'			057	
	1:52		E-SW-87 14'			058	
	1:55		E-SW-88 14'			059	
	1:58		E-SW-89 14'			060	
Date:	Time:	Relinquished by:		Received by:	Via:	Date	Time
3/24/21	0800	Michael Collier		Alumina		3/24/21	800
Date:	Time:	Relinquished by:		Received by:	Via:	Date	Time
3/24/21	1900	Alumina					

Chlorides X

Remarks: Pg 5 of 7





# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush 3-Day

Project Name:

Dark Canyon SWD (Dark Canyon)

Project #:

702958.001.01

Project Manager:

R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 8.4-0-8.4

Container Type and #

Preservative Type

HEAL No.

Glass/ 1 Ice/Cool 073

Date Time Matrix Sample Name

3/24/2021 2:37 Soil E.SW-102 14'

C h i o r i d e s X

Remarks: Pg 7 of 7

Received by: *Acumies* Date: 3/24/21 Time: 800

Received by: *R. Pons* Date: 3/26/21 Time: 7:35

Date Time: 3/24/21 800

Relinquished by: *Michael Collier*

Date Time: 3/24/21 800

Relinquished by: *R. Pons*



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

April 09, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2104065

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 56 sample(s) on 4/2/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2104065

**Lab ID:** 2104065-001 **Collection Date:** 4/1/2021 10:40:00 AM

**Client Sample ID:** E-25 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2700	150		mg/Kg	50	4/7/2021 1:21:02 PM	59245
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**Lab ID:** 2104065-002 **Collection Date:** 4/1/2021 10:43:00 AM

**Client Sample ID:** E-31 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2700	150		mg/Kg	50	4/7/2021 1:33:27 PM	59245
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**Lab ID:** 2104065-003 **Collection Date:** 4/1/2021 10:46:00 AM

**Client Sample ID:** E-34 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2800	150		mg/Kg	50	4/7/2021 1:45:52 PM	59245
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**Lab ID:** 2104065-004 **Collection Date:** 4/1/2021 10:49:00 AM

**Client Sample ID:** E-35 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2600	150		mg/Kg	50	4/7/2021 1:58:17 PM	59245
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**Lab ID:** 2104065-005 **Collection Date:** 4/1/2021 10:52:00 AM

**Client Sample ID:** E-39 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	2600	150		mg/Kg	50	4/7/2021 2:10:41 PM	59245
----------	------	-----	--	-------	----	---------------------	-------

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2104065  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-007 **Collection Date:** 4/1/2021 10:58:00 AM  
**Client Sample ID:** E-43 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2600	150		mg/Kg	50	4/7/2021 2:47:55 PM	59245

**Lab ID:** 2104065-008 **Collection Date:** 4/1/2021 11:01:00 AM  
**Client Sample ID:** E-46 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2800	150		mg/Kg	50	4/7/2021 3:00:20 PM	59245

**Lab ID:** 2104065-009 **Collection Date:** 4/1/2021 11:15:00 AM  
**Client Sample ID:** E-79 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2800	150		mg/Kg	50	4/7/2021 3:12:44 PM	59245

**Lab ID:** 2104065-010 **Collection Date:** 4/1/2021 11:18:00 AM  
**Client Sample ID:** E-95 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	3400	150		mg/Kg	50	4/7/2021 3:25:09 PM	59245

**Lab ID:** 2104065-012 **Collection Date:** 4/1/2021 11:24:00 AM  
**Client Sample ID:** E-102 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	3300	150		mg/Kg	50	4/7/2021 3:37:33 PM	59245

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2104065  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-013 **Collection Date:** 4/1/2021 11:27:00 AM  
**Client Sample ID:** E-103 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3300	150		mg/Kg	50	4/7/2021 3:49:58 PM	59245

**Lab ID:** 2104065-014 **Collection Date:** 4/1/2021 11:30:00 AM  
**Client Sample ID:** E-105 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3300	150		mg/Kg	50	4/7/2021 4:02:23 PM	59245

**Lab ID:** 2104065-015 **Collection Date:** 4/1/2021 11:33:00 AM  
**Client Sample ID:** E-106 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	2100	60		mg/Kg	20	4/7/2021 10:10:48 AM	59245

**Lab ID:** 2104065-016 **Collection Date:** 4/1/2021 11:36:00 AM  
**Client Sample ID:** E-127 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	2200	60		mg/Kg	20	4/7/2021 10:23:12 AM	59245

**Lab ID:** 2104065-017 **Collection Date:** 4/1/2021 11:39:00 AM  
**Client Sample ID:** E-140 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1900	150		mg/Kg	50	4/8/2021 4:00:40 PM	59246

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

## Analytical Report

Lab Order: 2104065

Date Reported: 4/9/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon Artesia **Lab Order:** 2104065  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-018 **Collection Date:** 4/1/2021 11:42:00 AM  
**Client Sample ID:** E-141 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	2200	60		mg/Kg	20	4/6/2021 11:12:22 PM	59246

**Lab ID:** 2104065-019 **Collection Date:** 4/1/2021 11:45:00 AM  
**Client Sample ID:** E-142 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	1700	60		mg/Kg	20	4/6/2021 11:49:25 PM	59246

**Lab ID:** 2104065-020 **Collection Date:** 4/1/2021 11:48:00 AM  
**Client Sample ID:** E-144 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	1700	60		mg/Kg	20	4/7/2021 12:01:46 AM	59246

**Lab ID:** 2104065-021 **Collection Date:** 4/1/2021 11:51:00 AM  
**Client Sample ID:** E-145 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	1600	60		mg/Kg	20	4/7/2021 12:14:07 AM	59246

**Lab ID:** 2104065-022 **Collection Date:** 4/1/2021 11:54:00 AM  
**Client Sample ID:** E-146 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	1700	60		mg/Kg	20	4/7/2021 12:26:27 AM	59246

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2104065

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-023

**Collection Date:** 4/1/2021 11:57:00 AM

**Client Sample ID:** E-147 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1600	59		mg/Kg	20	4/7/2021 1:03:30 AM	59246
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**Lab ID:** 2104065-024

**Collection Date:** 4/1/2021 12:00:00 PM

**Client Sample ID:** E-148 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1600	60		mg/Kg	20	4/7/2021 1:15:52 AM	59246
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**Lab ID:** 2104065-025

**Collection Date:** 4/1/2021 12:03:00 PM

**Client Sample ID:** E-149 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1400	60		mg/Kg	20	4/7/2021 1:28:12 AM	59246
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**Lab ID:** 2104065-026

**Collection Date:** 4/1/2021 12:06:00 PM

**Client Sample ID:** E-151 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1400	60		mg/Kg	20	4/7/2021 1:40:32 AM	59246
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**Lab ID:** 2104065-027

**Collection Date:** 4/1/2021 12:09:00 PM

**Client Sample ID:** E-152 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1300	60		mg/Kg	20	4/7/2021 1:52:53 AM	59246
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2104065

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-028

**Collection Date:** 4/1/2021 12:12:00 PM

**Client Sample ID:** E-155 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1300	60		mg/Kg	20	4/7/2021 2:05:14 AM	59246
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**Lab ID:** 2104065-029

**Collection Date:** 4/1/2021 12:15:00 PM

**Client Sample ID:** E-159 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1200	60		mg/Kg	20	4/7/2021 2:17:36 AM	59246
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**Lab ID:** 2104065-030

**Collection Date:** 4/1/2021 12:18:00 PM

**Client Sample ID:** E-164 15'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	1300	60		mg/Kg	20	4/7/2021 2:30:05 AM	59246
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**Lab ID:** 2104065-032

**Collection Date:** 4/1/2021 10:23:00 AM

**Client Sample ID:** W.SW-69 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	ND	60		mg/Kg	20	4/7/2021 2:42:25 AM	59246
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**Lab ID:** 2104065-034

**Collection Date:** 4/1/2021 10:29:00 AM

**Client Sample ID:** W.SW-71 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	ND	60		mg/Kg	20	4/7/2021 2:54:46 AM	59246
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2104065

**Lab ID:** 2104065-035 **Collection Date:** 4/1/2021 12:30:00 PM

**Client Sample ID:** E.SW-13 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	730	60		mg/Kg	20	4/7/2021 3:31:49 AM	59246
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**Lab ID:** 2104065-036 **Collection Date:** 4/1/2021 12:33:00 PM

**Client Sample ID:** E.SW-41 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	780	59		mg/Kg	20	4/7/2021 3:44:09 AM	59246
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**Lab ID:** 2104065-037 **Collection Date:** 4/1/2021 12:36:00 PM

**Client Sample ID:** E.SW-42 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	760	59		mg/Kg	20	4/7/2021 3:56:31 AM	59246
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**Lab ID:** 2104065-038 **Collection Date:** 4/1/2021 12:39:00 PM

**Client Sample ID:** E.SW-44 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	440	60		mg/Kg	20	4/7/2021 4:08:52 AM	59246
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**Lab ID:** 2104065-039 **Collection Date:** 4/1/2021 12:42:00 PM

**Client Sample ID:** E.SW-47 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	200	60		mg/Kg	20	4/7/2021 7:08:37 AM	59261
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2104065

**Lab ID:** 2104065-040 **Collection Date:** 4/1/2021 12:45:00 PM

**Client Sample ID:** E.SW-48 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: MRA
Chloride	910	60		mg/Kg	20	4/7/2021 7:45:41 AM	59261

**Lab ID:** 2104065-042 **Collection Date:** 4/1/2021 12:51:00 PM

**Client Sample ID:** E.SW-51 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: MRA
Chloride	190	60		mg/Kg	20	4/7/2021 7:58:02 AM	59261

**Lab ID:** 2104065-043 **Collection Date:** 4/1/2021 12:54:00 PM

**Client Sample ID:** E.SW-64 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/7/2021 8:10:23 AM	59261

**Lab ID:** 2104065-044 **Collection Date:** 4/1/2021 12:57:00 PM

**Client Sample ID:** E.SW-65 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: MRA
Chloride	ND	59		mg/Kg	20	4/7/2021 8:22:44 AM	59261

**Lab ID:** 2104065-045 **Collection Date:** 4/1/2021 1:00:00 PM

**Client Sample ID:** E.SW-66 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: MRA
Chloride	ND	60		mg/Kg	20	4/7/2021 8:35:04 AM	59261

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2104065

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-046

**Collection Date:** 4/1/2021 1:03:00 PM

**Client Sample ID:** E.SW-69 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	ND	60		mg/Kg	20	4/7/2021 9:12:05 AM	59261
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**Lab ID:** 2104065-047

**Collection Date:** 4/1/2021 1:06:00 PM

**Client Sample ID:** E.SW-70 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	910	60		mg/Kg	20	4/7/2021 9:24:25 AM	59261
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**Lab ID:** 2104065-048

**Collection Date:** 4/1/2021 1:09:00 PM

**Client Sample ID:** E.SW-71 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	960	60		mg/Kg	20	4/7/2021 9:36:45 AM	59261
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**Lab ID:** 2104065-049

**Collection Date:** 4/1/2021 1:12:00 PM

**Client Sample ID:** E.SW-72 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	ND	60		mg/Kg	20	4/7/2021 9:49:07 AM	59261
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**Lab ID:** 2104065-050

**Collection Date:** 4/1/2021 1:15:00 PM

**Client Sample ID:** E.SW-73 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	2000	60		mg/Kg	20	4/7/2021 10:01:29 AM	59261
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2104065

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-051

**Collection Date:** 4/1/2021 1:18:00 PM

**Client Sample ID:** E.SW-74 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	2100	60		mg/Kg	20	4/7/2021 10:13:50 AM	59261
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**Lab ID:** 2104065-052

**Collection Date:** 4/1/2021 1:21:00 PM

**Client Sample ID:** E.SW-75 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	570	60		mg/Kg	20	4/7/2021 10:26:11 AM	59261
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**Lab ID:** 2104065-053

**Collection Date:** 4/1/2021 1:24:00 PM

**Client Sample ID:** E.SW-76 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	610	60		mg/Kg	20	4/7/2021 10:38:32 AM	59261
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**Lab ID:** 2104065-054

**Collection Date:** 4/1/2021 1:27:00 PM

**Client Sample ID:** E.SW-77 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	880	60		mg/Kg	20	4/7/2021 10:50:53 AM	59261
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**Lab ID:** 2104065-055

**Collection Date:** 4/1/2021 1:33:00 PM

**Client Sample ID:** E.SW-78 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: MRA

Chloride	860	60		mg/Kg	20	4/7/2021 11:03:14 AM	59261
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104065

Date Reported: 4/9/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2104065

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2104065-056

**Collection Date:** 4/1/2021 1:36:00 PM

**Client Sample ID:** E.SW-79 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: MRA
Chloride	800	60		mg/Kg	20	4/7/2021 11:40:15 AM	59261

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2104065

09-Apr-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-59246</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59246</b>	RunNo: <b>76493</b>								
Prep Date: <b>4/6/2021</b>	Analysis Date: <b>4/6/2021</b>	SeqNo: <b>2710084</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59246</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59246</b>	RunNo: <b>76493</b>								
Prep Date: <b>4/6/2021</b>	Analysis Date: <b>4/6/2021</b>	SeqNo: <b>2710085</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.1	90	110			

Sample ID: <b>MB-59245</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59245</b>	RunNo: <b>76503</b>								
Prep Date: <b>4/6/2021</b>	Analysis Date: <b>4/7/2021</b>	SeqNo: <b>2710386</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

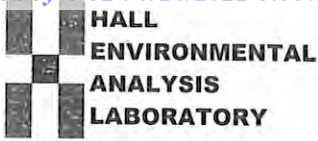
Sample ID: <b>LCS-59245</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59245</b>	RunNo: <b>76503</b>								
Prep Date: <b>4/6/2021</b>	Analysis Date: <b>4/7/2021</b>	SeqNo: <b>2710387</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.3	90	110			

Sample ID: <b>MB-59261</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59261</b>	RunNo: <b>76517</b>								
Prep Date: <b>4/7/2021</b>	Analysis Date: <b>4/7/2021</b>	SeqNo: <b>2711758</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59261</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59261</b>	RunNo: <b>76517</b>								
Prep Date: <b>4/7/2021</b>	Analysis Date: <b>4/7/2021</b>	SeqNo: <b>2711759</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2104065 RcptNo: 1

Received By: Juan Rojas 4/2/2021 7:35:00 AM
Completed By: Cheyenne Cason 4/2/2021 7:55:05 AM
Reviewed By: JR 4/2/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [ ] No [checked] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [checked] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [checked] No [ ] NA [checked]

Person Notified: Rebecca Pons Date: 4/2/21
By Whom: Andy Freeman Via: [checked] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: 15 sample jars received broken.
Client Instructions: Client will send replacement jars with their own COC.

16. Additional remarks: W SW-68 14', W SW-70 14', E-92 15', E-98 15', E SW-49 14' received broken. -ENM 4/2/21

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 11.5, Good, [ ], [ ], [ ], [ ]





# Chain-of-Custody Record

Client: Talon LPE  
 Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-day  
 Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01  
 Project Manager:  
 R.Pons  
 Sampler: M.Collier/J.Carnes  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CP): 11.6-0.1=11.5

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
4/1/2021	11:27	Soil	E-103 15'	Glass/ 1	Ice/Cool	013
	11:30		E-105 15'			014
	11:33		E-106 15'			015
	11:36		E-127 15'			016
	11:39		E-140 15'			017
	11:42		E-141 15'			018
	11:45		E-142 15'			019
	11:48		E-144 15'			020
	11:51		E-145 15'			021
	11:54		E-146 15'			022
	11:57		E-147 15'			023
	12:00		E-148 15'			024



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 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

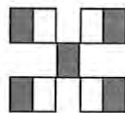
**Analysis Request**

Chlorides	X
-----------	---

Received by: Alumina Date: 4/1/21 1415  
 Relinquished by: [Signature] Date: 4/1/21 7:55  
 Via: courier

Remarks: Pg 2 of 5

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  Standard  **Rush 3-day**

Project Name: Dark Canyon SWD (Dark Canyon)

Project #: 702958.001.01

Project Manager: R. Pons

Sampler: M. Collier/J. Carnes

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 11.6 @ 1 = 11.5

Container Type and #

Preservative Type

HEAL No. 2104065

Glass/ 1

Ice/Cool 0245

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
4/1/2021	12:03	Soil	E-149 15'	Glass/ 1	Ice/Cool	0245
	12:06		E-151 15'			026
	12:09		E-152 15'			027
	12:12		E-155 15'			028
	12:15		E-159 15'			029
	12:18		E-164 15'			030
	10:20		W.SW-68 14'			031
	10:23		W.SW-69 14'			032
	10:26		W.SW-70 14'			033
	10:29		W.SW-71 14'			034
	12:30		E.SW-13 14'			035
	12:33		E.SW-41 14'			036

C h l o r i d e s X

Received by: *[Signature]* Date: 4/1/21 Time: 1615

Relinquished by: *[Signature]* Date: 4/26/21 Time: 7:35

Received via: *[Signature]* Date: 4/26/21 Time: 7:35

Remarks: Pg 3 of 5

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
Artesia, NM 88210  
Phone #: 575.746.8768  
email or Fax#:

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)

Turn-Around Time:  Standard  Rush 3-days

Project Name: Dark Canyon SWD (Dark Canyon)  
Project #: 702958.001.01

Project Manager: R.Pons

Sampler: M. Collier/J. Carnes

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 11.6-0.1 = 11.5

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
4/1/2021	12:36	Soil	E.SW-42 14'	Glass/ 1	Ice/Cool	037
	12:39		E.SW-44 14'			038
	12:42		E.SW-47 14'			039
	12:45		E.SW-48 14'			040
	12:48		E.SW-49 14'			041
	12:51		E.SW-51 14'			042
	12:54		E.SW-64 14'			043
	12:57		E.SW-65 14'			044
	1:00		E.SW-66 14'			045
	1:03		E.SW-69 14'			046
	1:06		E.SW-70 14'			0487
	1:09		E.SW-71 14'			048



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Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Chlorides X

Received by: Mummis Date: 4/1/21 10:15

Relinquished by: [Signature] Date: 4/2/21 7:35

Received via: [Signature] Date: 4/2/21 7:35

Remarks: Pg 4 of 5





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

April 16, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD

OrderNo.: 2104475

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 18 sample(s) on 4/10/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order: 2104475

Date Reported: 4/16/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2104475**Lab ID:** 2104475-001 **Collection Date:** 4/8/2021 8:15:00 AM**Client Sample ID:** E.SW-80 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	330	60		mg/Kg	20	4/14/2021 1:07:37 AM	59378
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**Lab ID:** 2104475-002 **Collection Date:** 4/8/2021 8:20:00 AM**Client Sample ID:** E.SW-81 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	330	60		mg/Kg	20	4/14/2021 1:20:01 AM	59378
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**Lab ID:** 2104475-003 **Collection Date:** 4/8/2021 8:25:00 AM**Client Sample ID:** E.SW-82 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	110	59		mg/Kg	20	4/14/2021 1:57:14 AM	59378
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**Lab ID:** 2104475-004 **Collection Date:** 4/8/2021 8:30:00 AM**Client Sample ID:** E.SW-85 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	110	60		mg/Kg	20	4/14/2021 2:09:38 AM	59378
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**Lab ID:** 2104475-005 **Collection Date:** 4/8/2021 8:35:00 AM**Client Sample ID:** E.SW-86 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	150	60		mg/Kg	20	4/14/2021 2:22:02 AM	59378
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2104475

Date Reported: 4/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2104475

**Lab ID:** 2104475-006 **Collection Date:** 4/8/2021 8:40:00 AM

**Client Sample ID:** E.SW-87 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	110	60		mg/Kg	20	4/14/2021 2:34:26 AM	59378
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**Lab ID:** 2104475-007 **Collection Date:** 4/8/2021 8:45:00 AM

**Client Sample ID:** E.SW-88 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	77	60		mg/Kg	20	4/14/2021 3:28:05 PM	59387
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**Lab ID:** 2104475-008 **Collection Date:** 4/8/2021 8:50:00 AM

**Client Sample ID:** E.SW-90 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	300	60		mg/Kg	20	4/14/2021 4:30:06 PM	59387
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**Lab ID:** 2104475-009 **Collection Date:** 4/8/2021 8:55:00 AM

**Client Sample ID:** E.SW-91 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	280	60		mg/Kg	20	4/14/2021 5:07:19 PM	59387
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**Lab ID:** 2104475-010 **Collection Date:** 4/8/2021 9:00:00 AM

**Client Sample ID:** E.SW-94 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	120	60		mg/Kg	20	4/14/2021 5:19:44 PM	59387
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



**Analytical Report**

Lab Order: 2104475

Date Reported: 4/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2104475

**Lab ID:** 2104475-011 **Collection Date:** 4/8/2021 9:05:00 AM

**Client Sample ID:** E.SW-99 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	100	60		mg/Kg	20	4/14/2021 5:32:09 PM	59387
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**Lab ID:** 2104475-012 **Collection Date:** 4/8/2021 9:10:00 AM

**Client Sample ID:** E.SW-101 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	120	59		mg/Kg	20	4/14/2021 5:44:33 PM	59387
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**Lab ID:** 2104475-013 **Collection Date:** 4/8/2021 9:15:00 AM

**Client Sample ID:** E.SW-102 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	300	60		mg/Kg	20	4/14/2021 5:56:57 PM	59387
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**Lab ID:** 2104475-014 **Collection Date:** 4/8/2021 9:25:00 AM

**Client Sample ID:** E.181 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	5400	150		mg/Kg	50	4/15/2021 4:43:09 PM	59387
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**Lab ID:** 2104475-015 **Collection Date:** 4/8/2021 9:30:00 AM

**Client Sample ID:** E.182 15' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	6200	300		mg/Kg	100	4/15/2021 4:55:34 PM	59387
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2104475

Date Reported: 4/16/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD

**Lab Order:** 2104475

**Lab ID:** 2104475-016 **Collection Date:** 4/8/2021 9:45:00 AM

**Client Sample ID:** S.SW-1 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	110	60		mg/Kg	20	4/14/2021 6:58:59 PM	59387
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**Lab ID:** 2104475-017 **Collection Date:** 4/8/2021 9:50:00 AM

**Client Sample ID:** S.SW-2 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	110	60		mg/Kg	20	4/14/2021 7:11:24 PM	59387
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**Lab ID:** 2104475-018 **Collection Date:** 4/8/2021 9:55:00 AM

**Client Sample ID:** S.SW-3 8' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	130	60		mg/Kg	20	4/14/2021 7:23:49 PM	59387
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2104475

16-Apr-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD

Sample ID: <b>MB-59378</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59378</b>	RunNo: <b>76649</b>								
Prep Date: <b>4/13/2021</b>	Analysis Date: <b>4/13/2021</b>	SeqNo: <b>2716001</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59378</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59378</b>	RunNo: <b>76649</b>								
Prep Date: <b>4/13/2021</b>	Analysis Date: <b>4/13/2021</b>	SeqNo: <b>2716002</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.9	90	110			

Sample ID: <b>MB-59387</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59387</b>	RunNo: <b>76658</b>								
Prep Date: <b>4/13/2021</b>	Analysis Date: <b>4/14/2021</b>	SeqNo: <b>2717239</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59387</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59387</b>	RunNo: <b>76658</b>								
Prep Date: <b>4/13/2021</b>	Analysis Date: <b>4/14/2021</b>	SeqNo: <b>2717240</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.9	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2104475 RcptNo: 1

Received By: Sean Livingston 4/10/2021 8:50:00 AM
Completed By: Sean Livingston 4/10/2021 9:18:08 AM
Reviewed By: [Signature] 4/12/21

[Handwritten signatures]

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes [checked] No [ ] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: [Signature] 4/10/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.9, Good, [ ], [ ], [ ], [ ]

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)

Turn-Around Time:  Standard  Rush 3 Day

Project Name: Dark Canyon SWD (Dark Canyon)

Project #: 702958.001.01

Project Manager: R. Pons

Sampler: J. Carnes

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 0.9 ± 0.0 = 0.9°C

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
4/8/2021	8:15	Soil	E.SW-80 14'	Glass Jar	Ice/Cool	2104475 001
	8:20		E.SW-81 14'			002
	8:25		E.SW-82 14'			003
	8:30		E.SW-85 14'			004
	8:35		E.SW-86 14'			005
	8:40		E.SW-87 14'			006
	8:45		E.SW-88 14'			007
	8:50		E.SW-90 14'			008
	8:55		E.SW-91 14'			009
	9:00		E.SW-94 14'			010
	9:05		E.SW-99 14'			011
	9:10		E.SW-101 14'			012

C H L O R I D E S

Relinquished by: *Jane Carnes* Date: 4/9/21 9:30

Received by: *William* Date: 4/9/21 9:30

Relinquished by: *William* Date: 4/10/21 8:50

Received by: *See carrier* Date: 4/10/21 8:50

Remarks: Page 1 of 2



HALL ENVIRONMENTAL ANALYSIS LABORATORY  
www.hallenvironmental.com  
4901 Hawkins NE - Albuquerque, NM 87109  
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

April 02, 2021

Rebecca Pons  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Dark Canyon SWD (Dark Canyon)

OrderNo.: 2103C25

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 73 sample(s) on 3/26/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-001 **Collection Date:** 3/24/2021 10:00:00 AM  
**Client Sample ID:** E-176 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	5600	300		mg/Kg	100	3/31/2021 7:18:26 AM	59064

**Lab ID:** 2103C25-002 **Collection Date:** 3/24/2021 10:03:00 AM  
**Client Sample ID:** E-177 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	7800	300		mg/Kg	100	3/31/2021 7:30:48 AM	59064

**Lab ID:** 2103C25-003 **Collection Date:** 3/24/2021 10:06:00 AM  
**Client Sample ID:** E-178 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	6500	300		mg/Kg	100	3/31/2021 7:43:09 AM	59064

**Lab ID:** 2103C25-004 **Collection Date:** 3/24/2021 10:09:00 AM  
**Client Sample ID:** E-179 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	4300	150		mg/Kg	50	3/31/2021 7:55:30 AM	59064

**Lab ID:** 2103C25-005 **Collection Date:** 3/24/2021 10:12:00 AM  
**Client Sample ID:** E-180 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	5800	300		mg/Kg	100	3/31/2021 8:07:51 AM	59064

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	



## Analytical Report

Lab Order: 2103C25

Date Reported: 4/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Lab Order: 2103C25

Project: Dark Canyon SWD (Dark Canyon)

Lab ID: 2103C25-006

Collection Date: 3/24/2021 10:15:00 AM

Client Sample ID: E-181 14'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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## EPA METHOD 300.0: ANIONS

Analyst: CAS

Chloride	12000	600		mg/Kg	200	3/31/2021 8:20:12 AM	59064
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Lab ID: 2103C25-007

Collection Date: 3/24/2021 10:18:00 AM

Client Sample ID: E-182 14'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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## EPA METHOD 300.0: ANIONS

Analyst: CAS

Chloride	17000	600		mg/Kg	200	3/31/2021 8:32:33 AM	59064
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Lab ID: 2103C25-008

Collection Date: 3/24/2021 10:21:00 AM

Client Sample ID: E-183 14'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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## EPA METHOD 300.0: ANIONS

Analyst: VP

Chloride	5200	300		mg/Kg	100	3/31/2021 7:48:59 AM	59064
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Lab ID: 2103C25-009

Collection Date: 3/24/2021 10:24:00 AM

Client Sample ID: E-184 14'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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## EPA METHOD 300.0: ANIONS

Analyst: VP

Chloride	3000	150		mg/Kg	50	3/31/2021 8:01:24 AM	59064
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Lab ID: 2103C25-010

Collection Date: 3/24/2021 10:27:00 AM

Client Sample ID: E-185 14'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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## EPA METHOD 300.0: ANIONS

Analyst: VP

Chloride	5500	300		mg/Kg	100	3/31/2021 11:06:49 AM	59064
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Page 2 of 17

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-011 **Collection Date:** 3/24/2021 10:30:00 AM  
**Client Sample ID:** E-186 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	7800	300		mg/Kg	100	3/31/2021 11:19:13 AM	59064

**Lab ID:** 2103C25-012 **Collection Date:** 3/24/2021 10:33:00 AM  
**Client Sample ID:** E-187 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	2400	150		mg/Kg	50	3/31/2021 11:31:38 AM	59064

**Lab ID:** 2103C25-013 **Collection Date:** 3/24/2021 10:36:00 AM  
**Client Sample ID:** E-188 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	1200	59		mg/Kg	20	3/31/2021 4:17:10 AM	59064

**Lab ID:** 2103C25-014 **Collection Date:** 3/24/2021 10:39:00 AM  
**Client Sample ID:** E-189 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	8800	300		mg/Kg	100	3/31/2021 11:44:03 AM	59066

**Lab ID:** 2103C25-015 **Collection Date:** 3/24/2021 10:42:00 AM  
**Client Sample ID:** E-190 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	7400	300		mg/Kg	100	3/31/2021 12:21:18 PM	59066

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-016 **Collection Date:** 3/24/2021 10:45:00 AM  
**Client Sample ID:** E-191 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1400	60		mg/Kg	20	3/31/2021 6:33:43 AM	59066

**Lab ID:** 2103C25-017 **Collection Date:** 3/24/2021 10:48:00 AM  
**Client Sample ID:** E-192 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	400	59		mg/Kg	20	3/31/2021 6:46:08 AM	59066

**Lab ID:** 2103C25-018 **Collection Date:** 3/24/2021 10:51:00 AM  
**Client Sample ID:** E-193 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1400	61		mg/Kg	20	3/31/2021 7:23:22 AM	59066

**Lab ID:** 2103C25-019 **Collection Date:** 3/24/2021 10:54:00 AM  
**Client Sample ID:** E-194 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1700	60		mg/Kg	20	3/31/2021 7:35:46 AM	59066

**Lab ID:** 2103C25-020 **Collection Date:** 3/24/2021 10:57:00 AM  
**Client Sample ID:** E-195 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	450	60		mg/Kg	20	3/31/2021 7:48:11 AM	59066

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-021 **Collection Date:** 3/24/2021 11:00:00 AM  
**Client Sample ID:** E-196 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	360	60		mg/Kg	20	3/31/2021 8:00:36 AM	59066

**Lab ID:** 2103C25-022 **Collection Date:** 3/24/2021 11:03:00 AM  
**Client Sample ID:** E-197 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	2500	150		mg/Kg	50	3/31/2021 12:33:43 PM	59066

**Lab ID:** 2103C25-023 **Collection Date:** 3/24/2021 11:06:00 AM  
**Client Sample ID:** E-198 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	2400	150		mg/Kg	50	3/31/2021 12:46:08 PM	59066

**Lab ID:** 2103C25-024 **Collection Date:** 3/24/2021 11:09:00 AM  
**Client Sample ID:** E-199 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	940	59		mg/Kg	20	3/31/2021 8:37:50 AM	59066

**Lab ID:** 2103C25-025 **Collection Date:** 3/24/2021 12:40:00 PM  
**Client Sample ID:** E-200 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	6400	300		mg/Kg	100	3/31/2021 12:58:33 PM	59066

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-026 **Collection Date:** 3/24/2021 12:43:00 PM

**Client Sample ID:** E-201 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	3200	150		mg/Kg	50	3/31/2021 1:10:58 PM	59066
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**Lab ID:** 2103C25-027 **Collection Date:** 3/24/2021 12:46:00 PM

**Client Sample ID:** E-202 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	880	60		mg/Kg	20	3/31/2021 9:15:06 AM	59066
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**Lab ID:** 2103C25-028 **Collection Date:** 3/24/2021 12:49:00 PM

**Client Sample ID:** E-203 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	850	59		mg/Kg	20	3/31/2021 9:52:21 AM	59066
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**Lab ID:** 2103C25-029 **Collection Date:** 3/24/2021 12:52:00 PM

**Client Sample ID:** E-204 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	640	60		mg/Kg	20	3/31/2021 10:04:46 AM	59066
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**Lab ID:** 2103C25-030 **Collection Date:** 3/24/2021 12:55:00 PM

**Client Sample ID:** E-205 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS** Analyst: VP

Chloride	750	60		mg/Kg	20	3/31/2021 10:17:10 AM	59066
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-031 **Collection Date:** 3/24/2021 12:58:00 PM  
**Client Sample ID:** E-206 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	710	60		mg/Kg	20	3/31/2021 10:29:35 AM	59066

**Lab ID:** 2103C25-032 **Collection Date:** 3/24/2021 1:01:00 PM  
**Client Sample ID:** E-207 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	630	60		mg/Kg	20	3/31/2021 10:41:59 AM	59066

**Lab ID:** 2103C25-033 **Collection Date:** 3/24/2021 1:04:00 PM  
**Client Sample ID:** E-208 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	1600	59		mg/Kg	20	3/31/2021 10:54:24 AM	59066

**Lab ID:** 2103C25-034 **Collection Date:** 3/24/2021 1:07:00 PM  
**Client Sample ID:** E-209 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	5400	300		mg/Kg	100	3/31/2021 1:23:23 PM	59068

**Lab ID:** 2103C25-035 **Collection Date:** 3/24/2021 1:10:00 PM  
**Client Sample ID:** E-210 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: VP</span>							
Chloride	3400	150		mg/Kg	50	3/31/2021 1:35:48 PM	59068

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-036

**Collection Date:** 3/24/2021 1:13:00 PM

**Client Sample ID:** E-211 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	860	60		mg/Kg	20	3/30/2021 7:49:06 PM	59068
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**Lab ID:** 2103C25-037

**Collection Date:** 3/24/2021 1:16:00 PM

**Client Sample ID:** E-212 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	520	59		mg/Kg	20	3/30/2021 8:01:31 PM	59068
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**Lab ID:** 2103C25-038

**Collection Date:** 3/24/2021 1:19:00 PM

**Client Sample ID:** E-213 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1500	60		mg/Kg	20	3/30/2021 8:13:55 PM	59068
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**Lab ID:** 2103C25-039

**Collection Date:** 3/24/2021 1:22:00 PM

**Client Sample ID:** E-214 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	680	60		mg/Kg	20	3/30/2021 8:26:19 PM	59068
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**Lab ID:** 2103C25-040

**Collection Date:** 3/24/2021 1:25:00 PM

**Client Sample ID:** E-215 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	530	60		mg/Kg	20	3/30/2021 8:38:44 PM	59068
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-041

**Collection Date:** 3/24/2021 1:28:00 PM

**Client Sample ID:** E-216 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	550	60		mg/Kg	20	3/30/2021 9:15:59 PM	59068
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**Lab ID:** 2103C25-042

**Collection Date:** 3/24/2021 1:31:00 PM

**Client Sample ID:** E-217 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	660	61		mg/Kg	20	3/30/2021 9:28:23 PM	59068
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**Lab ID:** 2103C25-043

**Collection Date:** 3/24/2021 1:34:00 PM

**Client Sample ID:** E-218 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	1200	60		mg/Kg	20	3/30/2021 9:40:47 PM	59068
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**Lab ID:** 2103C25-044

**Collection Date:** 3/24/2021 1:37:00 PM

**Client Sample ID:** E-219 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	720	60		mg/Kg	20	3/30/2021 9:53:11 PM	59068
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**Lab ID:** 2103C25-045

**Collection Date:** 3/24/2021 1:40:00 PM

**Client Sample ID:** E-220 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	940	60		mg/Kg	20	3/30/2021 10:05:35 PM	59068
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		



**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-046

**Collection Date:** 3/24/2021 1:43:00 PM

**Client Sample ID:** E-221 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	540	60		mg/Kg	20	3/30/2021 10:17:59 PM	59068
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**Lab ID:** 2103C25-047

**Collection Date:** 3/24/2021 1:46:00 PM

**Client Sample ID:** E-222 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	520	60		mg/Kg	20	3/30/2021 10:30:24 PM	59068
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**Lab ID:** 2103C25-048

**Collection Date:** 3/24/2021 1:49:00 PM

**Client Sample ID:** E-223 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	620	60		mg/Kg	20	3/30/2021 10:42:48 PM	59068
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**Lab ID:** 2103C25-049

**Collection Date:** 3/24/2021 2:40:00 PM

**Client Sample ID:** E-224 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	600	60		mg/Kg	20	3/30/2021 10:55:13 PM	59068
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**Lab ID:** 2103C25-050

**Collection Date:** 3/24/2021 2:43:00 PM

**Client Sample ID:** E-225 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: VP

Chloride	680	60		mg/Kg	20	3/30/2021 11:07:37 PM	59068
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab Order:** 2103C25

**Lab ID:** 2103C25-051 **Collection Date:** 3/24/2021 11:12:00 AM  
**Client Sample ID:** E.SW-80 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>VP</b>							
Chloride	3500	150		mg/Kg	50	3/31/2021 1:48:12 PM	59068

**Lab ID:** 2103C25-052 **Collection Date:** 3/24/2021 11:15:00 AM  
**Client Sample ID:** E.SW-81 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>VP</b>							
Chloride	3600	150		mg/Kg	50	3/31/2021 2:00:37 PM	59068

**Lab ID:** 2103C25-053 **Collection Date:** 3/24/2021 11:18:00 AM  
**Client Sample ID:** E.SW-82 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>VP</b>							
Chloride	1000	60		mg/Kg	20	3/31/2021 12:09:42 AM	59068

**Lab ID:** 2103C25-054 **Collection Date:** 3/24/2021 11:21:00 AM  
**Client Sample ID:** E.SW-83 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>CAS</b>							
Chloride	520	60		mg/Kg	20	3/31/2021 12:20:10 AM	59070

**Lab ID:** 2103C25-055 **Collection Date:** 3/24/2021 11:24:00 AM  
**Client Sample ID:** E.SW-84 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: <b>CAS</b>							
Chloride	380	60		mg/Kg	20	3/31/2021 12:57:13 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-056 **Collection Date:** 3/24/2021 11:27:00 AM  
**Client Sample ID:** E.SW-85 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	620	61		mg/Kg	20	3/31/2021 1:59:00 AM	59070

**Lab ID:** 2103C25-057 **Collection Date:** 3/24/2021 11:30:00 AM  
**Client Sample ID:** E.SW-86 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	760	60		mg/Kg	20	3/31/2021 2:11:20 AM	59070

**Lab ID:** 2103C25-058 **Collection Date:** 3/24/2021 1:52:00 PM  
**Client Sample ID:** E.SW-87 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	830	60		mg/Kg	20	3/31/2021 2:23:41 AM	59070

**Lab ID:** 2103C25-059 **Collection Date:** 3/24/2021 1:55:00 PM  
**Client Sample ID:** E.SW-88 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	650	60		mg/Kg	20	3/31/2021 2:36:02 AM	59070

**Lab ID:** 2103C25-060 **Collection Date:** 3/24/2021 1:58:00 PM  
**Client Sample ID:** E.SW-89 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> Analyst: CAS							
Chloride	390	59		mg/Kg	20	3/31/2021 2:48:23 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-061 **Collection Date:** 3/24/2021 2:01:00 PM  
**Client Sample ID:** E.SW-90 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	1200	60		mg/Kg	20	3/31/2021 3:00:45 AM	59070

**Lab ID:** 2103C25-062 **Collection Date:** 3/24/2021 2:04:00 PM  
**Client Sample ID:** E.SW-91 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	1100	60		mg/Kg	20	3/31/2021 3:13:05 AM	59070

**Lab ID:** 2103C25-063 **Collection Date:** 3/24/2021 2:07:00 PM  
**Client Sample ID:** E.SW-92 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	540	60		mg/Kg	20	3/31/2021 3:25:26 AM	59070

**Lab ID:** 2103C25-064 **Collection Date:** 3/24/2021 2:10:00 PM  
**Client Sample ID:** E.SW-93 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	570	60		mg/Kg	20	3/31/2021 3:37:48 AM	59070

**Lab ID:** 2103C25-065 **Collection Date:** 3/24/2021 2:13:00 PM  
**Client Sample ID:** E.SW-94 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	660	60		mg/Kg	20	3/31/2021 3:50:08 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia **Lab Order:** 2103C25  
**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-066 **Collection Date:** 3/24/2021 2:16:00 PM  
**Client Sample ID:** E.SW-95 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	460	59		mg/Kg	20	3/31/2021 4:27:10 AM	59070

**Lab ID:** 2103C25-067 **Collection Date:** 3/24/2021 2:19:00 PM  
**Client Sample ID:** E.SW-96 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	380	59		mg/Kg	20	3/31/2021 4:39:31 AM	59070

**Lab ID:** 2103C25-068 **Collection Date:** 3/24/2021 2:22:00 PM  
**Client Sample ID:** E.SW-97 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	320	60		mg/Kg	20	3/31/2021 4:51:51 AM	59070

**Lab ID:** 2103C25-069 **Collection Date:** 3/24/2021 2:25:00 PM  
**Client Sample ID:** E.SW-98 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	280	60		mg/Kg	20	3/31/2021 5:04:11 AM	59070

**Lab ID:** 2103C25-070 **Collection Date:** 3/24/2021 2:28:00 PM  
**Client Sample ID:** E.SW-99 14' **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b> <span style="float: right;">Analyst: CAS</span>							
Chloride	600	60		mg/Kg	20	3/31/2021 5:16:31 AM	59070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

**Analytical Report**

Lab Order: 2103C25

Date Reported: 4/2/2021

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia

**Lab Order:** 2103C25

**Project:** Dark Canyon SWD (Dark Canyon)

**Lab ID:** 2103C25-071

**Collection Date:** 3/24/2021 2:31:00 PM

**Client Sample ID:** E.SW-100 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	580	60		mg/Kg	20	3/31/2021 5:28:52 AM	59070
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**Lab ID:** 2103C25-072

**Collection Date:** 3/24/2021 2:34:00 PM

**Client Sample ID:** E.SW-101 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	760	60		mg/Kg	20	3/31/2021 5:41:12 AM	59070
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**Lab ID:** 2103C25-073

**Collection Date:** 3/24/2021 2:37:00 PM

**Client Sample ID:** E.SW-102 14'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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**EPA METHOD 300.0: ANIONS**

Analyst: CAS

Chloride	2300	60		mg/Kg	20	3/31/2021 5:53:33 AM	59070
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103C25

02-Apr-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

Sample ID: <b>MB-59068</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59068</b>	RunNo: <b>76310</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2702759</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59068</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59068</b>	RunNo: <b>76310</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2702760</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.2	90	110			

Sample ID: <b>MB-59070</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59070</b>	RunNo: <b>76337</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2703118</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59070</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59070</b>	RunNo: <b>76337</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/31/2021</b>	SeqNo: <b>2703119</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	90	110			

Sample ID: <b>MB-59064</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59064</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2703414</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59064</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59064</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2703415</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	16	1.5	15.00	0	110	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103C25

02-Apr-21

**Client:** Talon Artesia  
**Project:** Dark Canyon SWD (Dark Canyon)

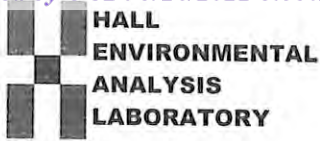
Sample ID: <b>MB-59066</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59066</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/31/2021</b>	SeqNo: <b>2703446</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-59066</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59066</b>	RunNo: <b>76305</b>								
Prep Date: <b>3/30/2021</b>	Analysis Date: <b>3/31/2021</b>	SeqNo: <b>2703447</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.7	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit





Hall Environmental Analysis Laboratory
4901 Hawks NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2103C25 RcptNo: 1

Received By: Juan Rojas 3/26/2021 7:35:00 AM
Completed By: Cheyenne Cason 3/26/2021 8:12:57 AM
Reviewed By: SGL 3/26/21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]
4. Were all samples received at a temperature of >0° C to 6.0° C Yes [ ] No [checked] NA [ ]
5. Sample(s) in proper container(s)? Yes [checked] No [ ]
6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]
8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [ ] No [ ] NA [checked]
10. Were any sample containers received broken? Yes [ ] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No [ ]
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]
13. Is it clear what analyses were requested? Yes [checked] No [ ]
14. Were all holding times able to be met? Yes [checked] No [ ]

# of preserved bottles checked for pH: 10 3/26/21
(<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: Date:
By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 8.4, Good, [ ], [ ], [ ]

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
 Artesia, NM 88210  
 Phone #: 575.746.8768  
 email or Fax#:

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush 3-Day

Project Name:  
 Dark Canyon SWD (Dark Canyon)  
 Project #:  
 702958.001.01

Project Manager:  
 R. Pons

Sampler:  
 Michael Collier

On Ice:  Yes  No

# of Coolers:  
 Cooler Temp (including CF): 5.4-058.4

Container Type and #  
 Preservative Type  
 HEAL No.  
 2103025

Date	Time	Matrix	Sample Name	Glass/ 1	Preservative Type	HEAL No.
3/24/2021	10:00	Soil	E-176 14'		Ice/Cool	001
	10:03		E-177 14'			002
	10:06		E-178 14'			003
	10:09		E-179 14'			004
	10:12		E-180 14'			005
	10:15		E-181 14'			006
	10:18		E-182 14'			007
	10:21		E-183 14'			008
	10:24		E-184 14'			009
	10:27		E-185 14'			010
	10:30		E-186 14'			011
	10:33		E-187 14'			012

Chlorides X

Date: 3/25/21 800  
 Relinquished by: *[Signature]*

Date: 3/25/21 1900  
 Relinquished by: *[Signature]*

Received by: *[Signature]* Date: 3/24/21 800  
 Via: \_\_\_\_\_

Received by: *[Signature]* Date: 3/26/21 7:35  
 Via: \_\_\_\_\_

Remarks: Pg 1 of 7

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W. Texas Ave  
Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush 3-Day

Project Name:

Dark Canyon SWD (Dark Canyon)

Project #:

702958.001.01

Project Manager:

R. Pons

Sampler: Michael Collier

On Ice:  Yes  No

# of Coolers:

Cooler Temp (including OF): 5.4-0.8.4

Container Type and #

Preservative Type

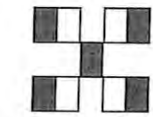
HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/24/2021	10:36	Soil	E-188 14'	Glass/ 1	Ice/Cool	013
	10:39		E-189 14'			014
	10:42		E-190 14'			015
	10:45		E-191 14'			016
	10:48		E-192 14'			017
	10:51		E-193 14'			018
	10:54		E-194 14'			019
	10:57		E-195 14'			020
	11:00		E-196 14'			021
	11:03		E-197 14'			022
	11:06		E-198 14'			023
	11:09		E-199 14'			024

Date: 3/25/21	Time: 800	Relinquished by: M. Collier	Received by: M. Collier	Via: [Signature]	Date: 3/26/21	Time: 800
Date: 3/25/21	Time: 1900	Relinquished by: [Signature]	Received by: [Signature]	Via: [Signature]	Date: 3/26/21	Time: 2:35

Chlorides X

Remarks: Pg 2 of 7



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request





# Chain-of-Custody Record



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

Turn-Around Time:		<input type="checkbox"/> Standard <input checked="" type="checkbox"/> <b>Rush 3-Day</b>				
Project Name:		Dark Canyon SWD (Dark Canyon)				
Project #:		702958.001.01				
Project Manager:		R. Pons				
Sampler:		Michael Collier				
On Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
# of Coolers:		1				
Cooler Temp (including OF):		64-0-84				
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/24/2021	2:40	Soil	E-224 14'	Glass/ 1	Ice/Cool	049
	2:43		E-225 14'			050
	11:12		E-SW-80 14'			051
	11:15		E-SW-81 14'			052
	11:18		E-SW-82 14'			053
	11:21		E-SW-83 14'			054
	11:24		E-SW-84 14'			055
	11:27		E-SW-85 14'			056
	11:30		E-SW-86 14'			057
	1:52		E-SW-87 14'			058
	1:55		E-SW-88 14'			059
	1:58		E-SW-89 14'			060
Date:	Time:	Relinquished by:	Relinquished by:	Via:	Date	Time
3/24/21	0800	Michael Collier	Michael Collier	Aluminum	3/24/21	800
Date:	Time:	Relinquished by:	Relinquished by:	Via:	Date	Time
3/24/21	1900	Michael Collier	Michael Collier			

C h i o r i d e s X

Remarks: Pg 5 of 7







**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 29154

**CONDITIONS**

Operator: 3BEAR FIELD SERVICES, LLC 1512 Larimer St, Suite 540 Denver, CO 80202	OGRID: 372603
	Action Number: 29154
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	Documents submitted in conjunction with a previously closed incident. No further documentation is required.	7/13/2021