ADDITIONAL SOIL ASSESSMENT

Assessor's Parcel Nos. 113-49-002B, 113-49-027A, & 113-49-027D

Nogales, Arizona

JULY 8, 2017

PREPARED FOR:

TRUST #7569 PROPERTY, LLC

885 WEST BELL ROAD, SUITE 100 NOGALES, ARIZONA 85621





ALLWYN CONSULTANTS PROJECT NO. 0183-0001

TABLE OF CONTENTS

INTR	ODUCTION	.1
1.1	PROJECT BACKGROUND	1
	CODE OF CEDVICES	 :
	IISER REIJANCE	:
SITE	ASSESSMENT ACTIVITIES	.4
2.1	HEALTH AND SAFETY PLAN (HASP) AND PREPARATION FOR FIELD WORK	2
2.2	FIELD ASSESSMENT	2
	2.2.3 June 5, 2017 Soil Sampling	5
2.3		
RFSL	ILTS AND CONCLUSIONS	. 7
3.1		
3.2	RESULTS AND CONCLUSIONS	7
LIMI	TATIONS	٥.
	1.1 1.2 1.3 1.4 SITE 2.1 2.2 2.3 RESU 3.1 3.2	1.2 PROPERTY BACKGROUND 1.3 SCOPE OF SERVICES 1.4 USER RELIANCE SITE ASSESSMENT ACTIVITIES 2.1 HEALTH AND SAFETY PLAN (HASP) AND PREPARATION FOR FIELD WORK 2.2 FIELD ASSESSMENT 2.2.1 April 4, 2017 Soil Sampling 2.2.2 May 3, 2017 Soil Sampling 2.2.3 June 5, 2017 Soil Sampling 2.3 ANALYTICAL LABORATORY TESTING RESULTS AND CONCLUSIONS 3.1 REGULATORY STANDARDS

TABLES

- 1 SUMMARY OF TOTAL LEAD IN SOIL SAMPLES AND SOIL REMEDIATION LEVELS (2009 SAMPLES)
- 2 SUMMARY OF TOTAL LEAD IN SOIL SAMPLES AND SOIL REMEDIATION LEVELS (2017 SAMPLES)

FIGURES

- 1 PROPERTY VICINITY MAP
- 2 ASSESSOR'S PARCEL MAP
- 3 SURFACE SAMPLES CONTAINING LEAD IN CONCENTRATIONS EXCEEDING SRLS
- 4 SUBSURFACE SAMPLES CONTAINING LEAD IN CONCENTRATIONS EXCEEDING SRLS

APPENDICES

A LABORATORY ANALYTICAL REPORTS



1.0 INTRODUCTION

1.1 PROJECT BACKGROUND

Allwyn Consultants (Allwyn) was retained by Trust #7689 Property, LLC (Client) to conduct additional Phase II Environmental Site Assessment (ESA) services at a portion of the Santa Cruz County Assessor's Parcel Numbers (APNs) 113-49-002B, 113-49-027A, and 113-49-027D in Nogales, Arizona (herein referred to as the Property in this report). The purpose of this work was to further assess the vertical and lateral extent of lead impacts in Property soil resulting from the operation of a former small arms firing range located adjacent to and south of the Property (See Figure 1 for a vicinity map of the additional assessment area). The small arms firing range previously operated on a site located at 1651 West Target Range Road in Nogales, Arizona (Parcel No. 113-29-010B).

1.2 PROPERTY BACKGROUND

Allwyn conducted several Phase I ESAs for Santa Cruz County on several parcels located in the vicinity of the shooting range formerly used by the United States Border Patrol. Allwyn observed bullet fragments on the sites adjacent to the Border Patrol shooting range during the site reconnaissance for the Phase I ESAs. Bullet fragments varied in size and were observed in the wash and hillside directly behind the shooting range. Because bullet fragments can result in elevated concentrations of lead in the soil, Allwyn recommended further assessment of the soil to evaluate the extent and magnitude of potential lead impact of the soil.

Santa Cruz County retained Allwyn Environmental to perform a Phase II ESA at two parcels (Parcel Nos. 113-49-006 and 113-49-027) located immediately west of the small arms firing range to assess potential impacts to the soil related to operation of the shooting range,. The Phase II ESA field activities and results were summarized in the Allwyn Environmental December 11, 2009 Phase II ESA report titled *Phase II Environmental Site Assessment, Two Properties Impacted by Small Arms Shooting Range, (Parcel Nos. 113-49-006 and 113-49-027)* (Allwyn Environmental Project No. 010-025). The following is a summary of the activities and results for the 2009 Phase II ESA.

A sampling grid consisting of 135 50-foot by 50-foot sampling cells was established across the site to include areas where bullet fragments were observed. In addition, there is a dry wash located adjacent to the shooting range and sample locations were established within the dry wash at 100-foot intervals to a distance of approximately 1,000 feet northeast of the shooting range. Several EPA guidance documents, particularly TRW Recommendations for Performing Human Health Risk Analysis on Small Arms Shooting Ranges; EPA; 2003 were used to guide sampling and analysis protocol and procedures. Based on this guidance, constituents of concern are lead, antimony, arsenic, and polynuclear aromatic hydrocarbons (PAHs) in the fine fraction of soil (soil passing through a 250 μ m sieve). Assessment was completed to attempt to define the vertical and horizontal extent of constituents of concern in concentrations exceeding State of Arizona residential Soil Remediation Levels (SRLs).

Soil samples from 51 of the 135 sampling cells contained lead in a concentration above the State of Arizona residential SRL of 400 milligrams per kilogram (mg/kg) and, of these 51 sampling cells, 33 contained lead in a concentration above the non-residential SRL of 800 mg/kg. Subsurface soil samples from 28 of the 135 sampling cells contained lead in a concentration above the residential SRL and, of these 28 sampling cells, 14 contained lead in a concentration above the non-residential SRL.



Soil samples from one of the 135 sampling cells contained antimony in a concentration above the residential SRL. Soil samples from two of the 135 sampling cells contained one PAH, benzo(a)pyrene, in a concentration above the residential SRL for the 10^{-6} excess lifetime cancer risk level.

The horizontal extent of lead impacts in the assessment area was generally defined to the west of the shooting range, but was not defined to the north and south of the shooting range. The vertical extent of lead impacts was not defined. Time and budget constraints prevented additional site assessment necessary to define the horizontal and vertical extents. Therefore, additional site assessment, consisting of further surface and subsurface sample collection and analysis, would be required to fully delineate the lead impacts on the surrounding properties due to activities conducted on the small arms shooting range.

Antimony and PAHs, while present in soil samples above the residential SRLs, in two and one sampling cells, respectively, were present only in cells in which lead was also present in soil samples in a concentration above residential SRLs. Therefore, lead should be considered the target contaminant of concern for further assessment and/or remediation at the site.

The extent of lead impacts in the wash immediately behind the small arms shooting range has been delineated. Lead was present at a concentration above the non-residential SRL in the wash soil extending to a distance between 250 feet and 300 feet northeast (downstream) of the small arms shooting range and above residential SRLs between 450 and 500 feet northeast (downstream) of the small arms shooting range. Antimony and PAHs were not present in concentrations above their respective residential SRLs in samples collected from the wash. Therefore, lead should be considered to be the target contaminant of concern for further assessment and/or remediation in the wash.

Two samples from two sampling cells (40 and 71) containing lead above the non-residential SRL (2,200 mg/kg and 3,400 mg/kg, respectively) and one sampling cell (48) containing lead above the residential SRL were further analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) to evaluate the hazardous waste classification of on-site soil (EPA Methods 1311/6010B). The samples collected for the hazardous waste classification demonstrated that the unscreened material and material passing through the #8 sieve would be classified as a hazardous waste based on lead toxicity (D008 waste code). In addition, one sample collected from material passing through the 50 sieve (WD-5) also demonstrated the hazardous waste characteristic for lead following TCLP analysis. Based on the analytical results, Allwyn concluded:

- Site soil containing lead in a concentration greater than the residential SRL of 400 mg/kg would likely be considered a hazardous waste for disposal purposes.
- The extract from material passing through a #8 sieve still contained a sufficient lead concentration such that the screened soil would still be considered a hazardous waste for disposal purposes. For one of the three hazardous waste classification samples, the extract from material passing through a #50 sieve still contained a sufficient lead concentration such that the screened solid would still be considered a hazardous waste for disposal purposes. Therefore, screening of excavated soil to reduce off-site disposal volume of material classified as a hazardous waste during remediation activities would likely not be successful.

Based on the results of the Phase II ESA, Allwyn Environmental recommended the following additional activities be conducted at the site:



- 1. Additional assessment should be conducted to define the vertical extent of lead impacts and horizontal extent of lead impacts to the north and south of the small arms shooting range.
- 2. Site soil cleanup standards (i.e., residential SRL and non-residential SRL) should be established based on considerations such as future site use, deed restriction, and cost and feasibility of remediation to meet the selected cleanup standard.
- 3. A remedial plan should be developed and should include assessment of feasible remediation options to cleanup soil to the standards considered in Recommendation No. 2 above. The evaluation should take into account the Phase II ESA result that soil containing lead in a concentration above the residential SRL of 400 mg/kg will likely require disposal as a hazardous waste under waste code D008. Alternative remedial options such as physical separation, excavation and off-site disposal, stabilization, phytoremediation, and soil washing should be considered in the evaluation.
- 4. Remedial action at the site should be conducted using lead as the constituent of concern.
- 5. Remediation should likely be conducted under the Arizona Department of Environmental Quality (ADEQ) Voluntary Remediation Program (VRP).

Mr. Joe Barr, co-owner of Trust #7659 Property, LLC requested Allwyn perform additional soil assessment activities to further evaluate the extent of lead impact to soils in limited areas of Parcel Nos. 113-49-002B, 113-49-027A, and 113-49-027D that were not previously assessed. This report presents our methodology and results of the additional assessment activities.

1.3 SCOPE OF SERVICES

Allwyn's scope of services was detailed in our proposal dated March 1, 2017. In general, our Phase II ESA services included reviewing the previous documents; preparation of a site-specific Health and Safety Plan (HASP); collecting initial soil samples; collecting additional soil samples based on the analytical results from the initial sampling events; laboratory testing of soil samples; evaluating the data; and preparing this report.

No significant deviations from the planned scope of services occurred, except based on the analytical results from the initial sampling events we recommended additional soil sampling and testing at the Property.

1.4 USER RELIANCE

This document and the information contained herein have been prepared solely for the use of Trust #7689 Property, LLC, its successors and/or related assigns and any affiliates thereof, in evaluating the Property relating to this report (the "Property"). This report may be further relied upon by any Lenders in determining whether to make one or more mortgage loans and/or mezzanine loans (collectively, as such loans may be componentized and/or resized, the "Loan") evidenced by one or more notes (collectively, the "Note") which is secured, directly and/or indirectly, by the Property. Any reliance on this report by other parties shall be at such party's sole risk. Any future consultation or provision of services to third parties related to the Property may be provided at Allwyn's sole discretion and under terms and conditions acceptable to Allwyn, including additional compensation.



2.0 SITE ASSESSMENT ACTIVITIES

2.1 HEALTH AND SAFETY PLAN (HASP) AND PREPARATION FOR FIELD WORK

A site-specific HASP was developed and prepared in general agreement with 29 CFR 1910. The purpose of the plan was to assign responsibilities, to establish personnel protection standards and mandatory safety practices and procedures, and to provide for contingencies that may arise while operations are conducted at the Property. A copy of the HASP was reviewed by appropriate personnel and kept on-site during field activities. The potential hazards were discussed with the field crew prior to the start of the field work.

2.2 FIELD ASSESSMENT

The field assessment was conducted in several phases on several days from April 4, 2017 through June 5, 2017. Sampling locations and the laboratory results from the additional assessment are presented in Table 2. Laboratory analytical reports are provided in Appendix A. Sampling locations are shown on the attached Figures 3 and 4 and are discussed in the paragraphs below.

2.2.1 April 4, 2017 Soil Sampling

Allwyn was provided a site plan with a 150-foot by 150-foot coordinate grid established across the additional area of suspected impact from the shooting range. Prior to field activities, the client surveyed and marked the grid points on the ground surface. On April 4, 2017, Holly Land, Adriane Gora, and Tom Ross of Allwyn conducted initial field work associated with the soil sample collection in 17 grid locations (Grid Nos. G1 through G17). Discrete surface soil samples (collected from 0 inch to 1 inch bgs) were collected from four locations within each 150-foot by 150-foot. In addition, the client requested Allwyn collect three discrete soil samples from two berms that were reportedly used to divert the natural course of the wash (six discrete samples total).

The surface samples were collected with a stainless-steel hand trowel by scraping the upper 1 inch of the ground surface over an approximately 0.5 square foot area and placing the material into a ziplock bag for transport to the Allwyn office in Tempe, Arizona for compositing and sieving. The discrete soil samples collected from the two berm locations were collected by scraping the upper 1 inch of berm soil over an approximately 0.5 square foot area and placing the material into a ziplock bag to be sieved in the Allwyn office in Tempe, Arizona sieving.

At Allwyn's soil laboratory, the four discrete soil samples collected from each 150-foot by 150-foot grid location were mixed in a mixing bowl to form a composite sample representative of the soil in the 150-foot by 150-foot sample grid. The composite sample was then screened twice as recommended in $\overline{\text{TRW}}$ Recommendations for Performing Human Health Risk Analysis on Small Arms Shooting Ranges. The composite sample was first screened with a No. 4 (4.75 mm) or No. 10 (2.00 mm) sieve to remove bulk debris, and then with a No. 50 (300 μ m) sieve to produce the fine fraction. The three discrete soil samples from each of the two berms were also screened as discussed above, but were not composited.

The screened sample was then placed in a 4-ounce glass jar and the jar screw threads will be wiped with a clean, unused tissue to remove any sample residue that may adhere to the jar thread and that could affect the seal. Sample containers were filled to the top, taking care to prevent soil from remaining in



the lid threads prior to being closed to prevent potential contaminant migration to or from the sample. The jars containing the samples were labeled with unique sample numbers. These identification numbers, sample date and time, selected analytical parameters, and the name of the sampling personnel were recorded on a chain-of-custody record. The chain-of-custody record accompanied the samples from sample collection until the samples were transferred to the analytical laboratory representative.

Upon receipt of the laboratory analytical report, Allwyn reviewed the results from the April 4, 2017 sample collection. The laboratory analytical results indicated that lead concentrations exceeded the residential SRL for lead of 400 mg/kg in the composite samples collected from Grid Nos. G9, G10, G11, G12, G13, G14, G15, and G16. In addition, lead exceeded the non-residential SRL of 800 mg/kg in the composite samples collected from Grid Nos. G9, G10, G11, G14, and G15.

As shown on Table 2, sample number Berm2-2 collected from Berm #2 had concentrations of lead exceeding the residential SRL. Each of the samples collected from Berm #1 had concentrations of lead exceeding the non-residential SRL.

Based on the analytical results, the vertical and lateral extents of lead impact were not defined at 0 inch to 1 inch bgs. Allwyn recommended additional assessment of deeper samples (from 3 inches to 4 inches bgs, referred to as subsurface samples) in Grid Nos. G9 through G16 to further assess the vertical and lateral extent of lead impact. Allwyn also recommended collecting additional surface samples to further define the lateral extent of lead impact south of Grid Nos. G9 through G16.

2.2.2 May 3, 2017 Soil Sampling

Prior to additional soil assessment activities, the client surveyed and marked additional grid points on the ground surface. Fifteen additional 150-foot by 150-foot grids (Grid Nos. G18 through G32) were established south of Grid Nos. G9 through G16 to further assess lead impacts to soil.

On May 3, 2017, Holly Land, Adriane Gora, and Tom Ross of Allwyn collected additional samples in Grid Nos. G18 through G32. Discrete surface soil samples bgs from each of the additional grid locations, using the same sampling methodology used in the April 4, 2017 field activities. Subsurface soil samples were also collected in the grids with lead concentrations exceeding residential or non-residential SRLs at 0 inch to inch bgs (Grid Nos. G9 through G16) collected on April 4, 2016. The client also requested subsurface discrete soil samples (3 to 4 inches below berm surface) be collected from the three locations in each of the two berms.

2.2.3 June 5, 2017 Soil Sampling

On June 5, 2017, Holly Land, Adriane Gora, and Natalie Posdaljian of Allwyn conducted field work to further define the lateral extent of lead impacted soil. In Grid No. G19 alone, Allwyn sampled at both 0 to 1 inch bgs depth and the 3 to 4 inch bgs depth. Allwyn divided Grid No. G19 into nine equal sized coordinate sub-grids (G19-A through G18-I). Each of the nine coordinate sub-grids were approximately 50 feet by 50 feet. A composite sample was collected from the surface and a second composite sample was collected from the subsurface from within each of the nine 5-foot by 50-foot coordinate sub-grids in Grid No. G19. Each of the 18 composite samples (nine surface and nine subsurface) were compromised of four discrete samples collected within each 50-foot by 50-foot coordinate sub-grid at each sample depth (total 72 discrete samples into 18 composite samples).



Allwyn also further assessed soil at 3 to 4 inches bgs in the primary grids with detected concentrations of lead greater than 100 mg/kg, including Grid Nos. G4, G7, G8, G17, G18, G20, G28, and G29. Allwyn collected one composite sample in each 150-foot by 150-foot primary grid at a depth of 3 to 4 inches bgs. These composite samples were collected using the same sampling protocol for the primary grids in the initial sampling, by collecting 4 discrete samples and compositing into one sample per primary grid (total 32 discrete samples into 8 composite samples).

2.3 ANALYTICAL LABORATORY TESTING

Collected samples were relinquished by Allwyn to an ESC Lab Sciences (ESC) employee along with chain-of-custody documentation. Assessment samples were submitted to ESC (Arizona Department of Health Services (ADHS) License Number AZ0612) for analysis.

The laboratory was requested to analyze the samples for total lead using Environmental Protection Agency (EPA) Method 6010B. The sample results are summarized in Table 2 and in Section 3 below. Copies of the laboratory reports and chain-of-custody documentation for the samples are presented in Appendix A. The laboratory report indicates the analytical methods performed, test results, sample collection dates, sample extraction dates, sample analysis dates, and reporting limits for each analytical method.



3.0 RESULTS AND CONCLUSIONS

3.1 REGULATORY STANDARDS

Soil remediation in Arizona is regulated under the soil remediation rules promulgated by the Arizona Department of Environmental Quality (ADEQ) in December 1997 and revised in May 2007. ADEQ was directed by statute to create risk-based soil remediation standards. The SRLs are risk-based levels calculated using the EPA Region IX Preliminary Remediation Goals (PRG) guidance. The SRLs are based on toxicological characteristics of a number of compounds and were calculated considering inhalation, dermal, and ingestion routes of exposure. For contaminants without proven human carcinogenic effects, the lifetime excess cancer risk is 10⁻⁵, and for known human carcinogens, the lifetime excess cancer risk is 10⁻⁶. SRLs were initially established for both residential and non-residential exposures. The 2007 rule revisions included some changes to the residential and non-residential SRL numeric standards and also added a new category of regulatory limits for school and daycare facilities that are lower than the residential SRLs. The SRLs are used for soil assessment and remediation provided groundwater is protected from impact.

Most test results are compared to the residential SRLs, because there are additional regulatory requirements for remediation to the non-residential SRLs. As requested, we also included the non-residential SRLs based on the current and future commercial usage of the Property.

3.2 RESULTS AND CONCLUSIONS

In 2009, Allwyn initially collected surface and subsurface samples from 67 cells on the Property. Based on the results of this initial assessment, Allwyn recommended that further assessment be conducted to define the vertical extent of lead impacted soil. Additional surface and subsurface samples were collected from 32 sampling cells and were analyzed for lead using EPA Method 6010B. A summary of the analytical results for lead in surface and subsurface samples for assessment activities conducted in 2009 and 2017 is provided in Tables 1 and 2 and summarized below:

Surface Samples (Collected 0-1 inches below ground surface)

- The horizontal and vertical extent of soil impacted by lead at a concentration greater than the residential SRL of 400 mg/kg in surface samples collected from the Property has been defined to include the following cells:
 - 1, 5, 6, 10, 15-19, 23-27, 31-35, 39, 40-42, 46-50, 52-55, 71, 72, 74, 75, 77-89, 90, 92, 93, and 95 to the west and south of the firing range.
 - G9, G10, G11, G12, G13, G14, G15, G16, and sub-cells B, C, E, F, G, and H within Grid G19 to the south of the firing range.
- The horizontal and vertical extent of soil impacted by lead at a concentration greater than the non-residential SRL of 800 mg/kg in surface samples collected from the Property has been defined to include the following cells:
 - 5, 10, 15, 16, 23, 24, 26, 31-34, 39-41, 46, 47, 52, 71, 72, 74, 77-84, 86, 88, 89, 92, and 93 to the west and south of the firing range.
 - G9, G10, G11, G14, G15, and sub-cells C and F within cell G19 to the south of the firing range.



Subsurface Samples (Collected 3-4 inches below ground surface)

- The horizontal and vertical extent of soil impacted by lead at a concentration greater than the residential SRL of 400 mg/kg in subsurface samples collected from the Property has been defined to include the following cells:
 - 1, 5, 6, 11, 15, 16, 23, 24, 31, 32, 39, 40, 71-74, 75, 77-88 to the west and south of the firing range.
 - G9, G10, G11, G13, G14, G15, and sub-cells B, C, E, F, and G within Grid G19 to the south of the firing range.
- The horizontal and vertical extent of soil impacted by lead at a concentration greater than the non-residential SRL of 800 mg/kg in subsurface samples collected from the Property has been defined to include the following cells:
 - 1, 5, 15, 16, 71, 72, 74, and 77-86 to the west and south of the firing range.
 - G9, G10, G11, G13, G14, G15, and sub-cells C and F within cell G19 to the south of the firing range.

If lead impacted grids are not excluded and future development is planned on these sampling cells, site soil cleanup standards (i.e., residential SRL and non-residential SRL) should be established based on considerations such as future site use, deed restriction, and cost and feasibility of remediation to meet the selected cleanup standards. The developed remedial plan should include assessment of feasible remediation options to cleanup soil to the standards considered based on future site use, deed restriction, and cost and feasibility of remediation to meet the selected cleanup standards. The evaluation should take into account the additional soil assessment results that soil containing lead in a concentration above the residential SRL of 400 mg/kg will likely require disposal as a hazardous waste under waste code D008. Alternative remedial options such as excavation and off-site disposal, stabilization, phytoremediation, and soil washing should be considered in the evaluation and should be conducted using lead as the constituent of concern. We further recommend that site remediation be conducted under the ADEQ Voluntary Remediation Program (VRP).



4.0 LIMITATIONS

Allwyn has performed our services for this project for Trust #7659 Property, LLC in accordance with our proposal dated March 1, 2017. These services were performed to the degree of skill and diligence normally employed by experienced professionals performing the same or similar services in the same geographic area at the time the services were performed. No other guarantees or warranties are expressed or implied.

This assessment was conducted to permit Allwyn to render a professional opinion regarding the likelihood of contamination on, in, or beneath the subject Property. The observation, sampling, and testing described in this report represent Property conditions only at specific locations and times designated. No assessment is thorough or exhaustive enough to wholly eliminate uncertainty regarding the potential for environmental contamination in connection with the Property. In addition, the level of inquiry for each assessment is variable, consistent with good commercial or customary practice, and will consider the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

Allwyn has reviewed and relied on written documents, oral statements, and observations made by others. We have assumed this information is true, correct, accurate, and complete, and we have not conducted an independent examination of the materials and statements. Allwyn shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed, or for items that were not visible, accessible, or present on the Property and adjoining sites at the time of the site reconnaissance or field work.

Environmental regulatory criteria are continually changing. Therefore, environmental conditions, such as contaminant concentrations in certain media that are considered legal and acceptable at the time of this report may in the future be subject to different regulatory standards. Professional opinions and judgments expressed in this assessment are based on our understanding and interpretations of current regulatory standards and practices. This report is not meant to provide or represent legal opinions.

This document and the information contained herein have been prepared solely for the use of Trust #7659 Property, LLC, its successors and/or related assigns and any affiliates thereof, in evaluating the Property relating to this report (the "Property"). This report may be further relied upon by any Lenders in determining whether to make one or more mortgage loans and/or mezzanine loans (collectively, as such loans may be componentized and/or resized, the "Loan") evidenced by one or more notes (collectively, the "Note") which is secured, directly and/or indirectly, by the Property. Any reliance on this report by other parties shall be at such party's sole risk. Any future consultation or provision of services to third parties related to the Property may be provided at Allwyn's sole discretion and under terms and conditions acceptable to Allwyn, including additional compensation.



TABLES



TABLE 1
SUMMARY OF TOTAL LEAD IN SOIL SAMPLES AND SOIL REMEDIATION LEVELS (SRLs)
(2009 SAMPLES)

Sample Number	Units	Sample Depth (inches bgs)	Analytical Result	Residential SRL	Non-Residential SRL
1D	mg/kg	3-4	820	400	800
1S	mg/kg	0-1	700	400	800
2S	mg/kg	0-1	380	400	800
3S	mg/kg	0-1	260	400	800
4S	mg/kg	0-1	160	400	800
5S	mg/kg	0-1	2,600	400	800
5D	mg/kg	3-4	4,300	400	800
6S	mg/kg	0-1	420	400	800
6D	mg/kg	3-4	530	400	800
7S	mg/kg	0-1	280	400	800
8S	mg/kg	0-1	140	400	800
9S	mg/kg	0-1	85	400	800
105	mg/kg	0-1	1,300	400	800
10D	mg/kg	3-4	310	400	800
115	mg/kg	0-1	320	400	800
11D	mg/kg	3-4	410	400	800
125	mg/kg	0-1	280	400	800
13S	mg/kg	0-1	150	400	800
145	mg/kg	0-1	97	400	800
15 S	mg/kg	0-1	25,000	400	800
15D	mg/kg	3-4	12,000	400	800
16S	mg/kg	0-1	2,000	400	800
16D	mg/kg	3-4	5,200	400	800
17 S	mg/kg	0-1	420	400	800
17D	mg/kg	3-4	190	400	800
185	mg/kg	0-1	500	400	800
18D	mg/kg	3-4	260	400	800
195	mg/kg	0-1	550	400	800
19D	mg/kg	3-4	160	400	800
20S	mg/kg	0-1	290	400	800
21S	mg/kg	0-1	100	400	800
22S	mg/kg	0-1	120	400	800
23S	mg/kg	0-1	1,500	400	800
23D	mg/kg	3-4	680	400	800
245	mg/kg	0-1	870	400	800
24D	mg/kg	3-4	570	400	800
25S	mg/kg	0-1	550	400	800
25D	mg/kg	3-4	360	400	800

Total lead analyzed using EPA Method 6010B Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



TABLE 1
SUMMARY OF TOTAL LEAD IN SOIL SAMPLES AND SOIL REMEDIATION LEVELS (SRLs)
(2009 SAMPLES)

Sample Number	Units	Sample Depth (inches bgs)	Analytical Result	Residential SRL	Non-Residential SRL
26S	mg/kg	0-1	970	400	800
26D	mg/kg	3-4	340	400	800
27S	mg/kg	0-1	550	400	800
27D	mg/kg	3-4	230	400	800
285	mg/kg	0-1	240	400	800
295	mg/kg	0-1	150	400	800
30S	mg/kg	0-1	140	400	800
315	mg/kg	0-1	2,000	400	800
31D	mg/kg	3-4	560	400	800
32S	mg/kg	0-1	1,600	400	800
32D	mg/kg	3-4	430	400	800
33S	mg/kg	0-1	1,300	400	800
33D	mg/kg	3-4	190	400	800
34S	mg/kg	0-1	870	400	800
34D	mg/kg	3-4	260	400	800
35S	mg/kg	0-1	480	400	800
35D	mg/kg	3-4	180	400	800
36S	mg/kg	0-1	260	400	800
36D	mg/kg	3-4	140	400	800
37 S	mg/kg	0-1	210	400	800
37D	mg/kg	3-4	65	400	800
385	mg/kg	0-1	130	400	800
395	mg/kg	0-1	1,100	400	800
39D	mg/kg	3-4	440	400	800
40S	mg/kg	0-1	2,200	400	800
40D	mg/kg	3-4	420	400	800
415	mg/kg	0-1	1,500	400	800
41D	mg/kg	3-4	150	400	800
42S	mg/kg	0-1	490	400	800
42D	mg/kg	3-4	190	400	800
435	mg/kg	0-1	310	400	800
43D	mg/kg	3-4	160	400	800
445	mg/kg	0-1	200	400	800
44D	mg/kg	3-4	56	400	800
45S	mg/kg	0-1	160	400	800
46S	mg/kg	0-1	1,300	400	800
46D	mg/kg	3-4	340	400	800
47S	mg/kg	0-1	890	400	800

Total lead analyzed using EPA Method 6010B Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



(2009 SAMPLES)						
Sample Number	Units	Sample Depth (inches bgs)	Analytical Result	Residential SRL	Non-Residential SRL	
47D	mg/kg	3-4	390	400	800	
485	mg/kg	0-1	560	400	800	
48D	mg/kg	3-4	290	400	800	
495	mg/kg	0-1	410	400	800	
49D	mg/kg	3-4	210	400	800	
50S	mg/kg	0-1	430	400	800	
50D	mg/kg	3-4	110	400	800	
51S	mg/kg	0-1	370	400	800	
51D	mg/kg	3-4	70	400	800	
52S	mg/kg	0-1	880	400	800	
52D	mg/kg	3-4	110	400	800	
53S	mg/kg	0-1	490	400	800	
53D	mg/kg	3-4	73	400	800	
54S	mg/kg	0-1	420	400	800	
54D	mg/kg	3-4	100	400	800	
55S	mg/kg	0-1	560	400	800	
55D	mg/kg	3-4	130	400	800	
56S	mg/kg	0-1	190	400	800	
56D	mg/kg	3-4	74	400	800	
57S	mg/kg	0-1	160	400	800	
57D	mg/kg	3-4	98	400	800	
58S	mg/kg	0-1	310	400	800	
58D	mg/kg	3-4	88	400	800	
598	mg/kg	0-1	350	400	800	
59D	mg/kg	3-4	120	400	800	
60S	mg/kg	0-1	220	400	800	
60D	mg/kg	3-4	63	400	800	
61S	mg/kg	0-1	110	400	800	
61D	mg/kg	3-4	66	400	800	
62S	mg/kg	0-1	290	400	800	
62D	mg/kg	3-4	72	400	800	
63S	mg/kg	0-1	250	400	800	
63D	mg/kg	3-4	57	400	800	
64S	mg/kg	0-1	140	400	800	
64D	mg/kg	3-4	52	400	800	
65S	mg/kg	0-1	130	400	800	
65D	mg/kg	3-4	40	400	800	
66S	mg/kg	0-1	53	400	800	
66D	mg/kg	3-4	56	400	800	

Total lead analyzed using EPA Method 6010B Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



		120	JUS SAIVIPLES		
Sample Number	Units	Sample Depth (inches bgs)	Analytical Result	Residential SRL	Non-Residential SRL
67S	mg/kg	0-1	96	400	800
67D	mg/kg	3-4	55	400	800
685	mg/kg	0-1	160	400	800
698	mg/kg	0-1	71	400	800
70S	mg/kg	0-1	100	400	800
715	mg/kg	0-1	3,400	400	800
71D	mg/kg	3-4	5,900	400	800
72 S	mg/kg	0-1	3,300	400	800
72D	mg/kg	3-4	1,200	400	800
73D	mg/kg	3-4	550	400	800
74S	mg/kg	0-1	1,700	400	800
74D	mg/kg	3-4	450	400	800
75 S	mg/kg	0-1	590	400	800
75D	mg/kg	3-4	390	400	800
76S	mg/kg	0-1	380	400	800
76D	mg/kg	3-4	210	400	800
77S	mg/kg	0-1	8,900	400	800
77D	mg/kg	3-4	1,600	400	800
785	mg/kg	0-1	1,200	400	800
78D	mg/kg	3-4	1,800	400	800
798	mg/kg	0-1	3,000	400	800
79D	mg/kg	3-4	2,500	400	800
80S	mg/kg	0-1	1,600	400	800
80D	mg/kg	3-4	750	400	800
81S	mg/kg	0-1	3,200	400	800
81D	mg/kg	3-4	2,500	400	800
82S	mg/kg	0-1	12,000	400	800
82D	mg/kg	3-4	18,000	400	800
835	mg/kg	0-1	3,600	400	800
83D	mg/kg	3-4	3,800	400	800
845	mg/kg	0-1	7,100	400	800
84D	mg/kg	3-4	16,000	400	800
85S	mg/kg	0-1	600	400	800
85D	mg/kg	3-4	2,100	400	800
86S	mg/kg	0-1	530	400	800
86D	mg/kg	3-4	710	400	800
87S	mg/kg	0-1	620	400	800
87D	mg/kg	3-4	640	400	800

Key:

Total lead analyzed using EPA Method 6010B
Shaded cell value exceeds residential SRL
Shaded cell value exceeds non-residential SRL



TABLE 1
SUMMARY OF TOTAL LEAD IN SOIL SAMPLES AND SOIL REMEDIATION LEVELS (SRLs)
(2009 SAMPLES)

Sample Number	Units	Sample Depth (inches bgs)	Analytical Result	Residential SRL	Non- Residential SRL
885	mg/kg	0-1	4,100	400	800
88D	mg/kg	3-4	730	400	800
89\$	mg/kg	0-1	1,200	400	800
89D	mg/kg	3-4	160	400	800
90\$	mg/kg	0-1	530	400	800
90D	mg/kg	3-4	130	400	800
918	mg/kg	0-1	160	400	800
92S	mg/kg	0-1	1,600	400	800
92D	mg/kg	3-4	250	400	800
93S	mg/kg	0-1	870	400	800
94\$	mg/kg	0-1	130	400	800
95\$	mg/kg	0-1	590	400	800
96S	mg/kg	0-1	140	400	800
97S	mg/kg	0-1	130	400	800
97D	mg/kg	3-4	60	400	800
98S	mg/kg	0-1	93	400	800
98D	mg/kg	3-4	90	400	800
998	mg/kg	0-1	100	400	800
99D	mg/kg	3-4	44	400	800
100S	mg/kg	0-1	61	400	800
100D	mg/kg	3-4	38	400	800
101S	mg/kg	0-1	71	400	800
101D	mg/kg	3-4	49	400	800
102S	mg/kg	0-1	220	400	800
102D	mg/kg	3-4	94	400	800
103S	mg/kg	0-1	220	400	800
103D	mg/kg	3-4	150	400	800
104S	mg/kg	0-1	110	400	800
104D	mg/kg	3-4	43	400	800
105S	mg/kg	0-1	81	400	800
105D	mg/kg	3-4	60	400	800
106S	mg/kg	0-1	140	400	800
106D	mg/kg	3-4	150	400	800
107S	mg/kg	0-1	200	400	800
107D	mg/kg	3-4	140	400	800
108S	mg/kg	0-1	96	400	800
109S	mg/kg	0-1	76	400	800
110S	mg/kg	0-1	71	400	800

Total lead analyzed using EPA Method 6010B Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



Sample Number	Units	Sample Depth (inches bgs)	Analytical Result	Residential SRL	Non- Residential SRL
111S	mg/kg	0-1	87	400	800
112S	mg/kg	0-1	44	400	800
113S	mg/kg	0-1	79	400	800
114S	mg/kg	0-1	54	400	800
115S	mg/kg	0-1	46	400	800
116S	mg/kg	0-1	33	400	800
117S	mg/kg	0-1	100	400	800
118S	mg/kg	0-1	130	400	800
119S	mg/kg	0-1	36	400	800
120S	mg/kg	0-1	34	400	800
121S	mg/kg	0-1	99	400	800
122S	mg/kg	0-1	97	400	800
123S	mg/kg	0-1	60	400	800
124S	mg/kg	0-1	56	400	800
125S	mg/kg	0-1	110	400	800
126S	mg/kg	0-1	110	400	800
127S	mg/kg	0-1	71	400	800
128S	mg/kg	0-1	51	400	800
129S	mg/kg	0-1	94	400	800
130S	mg/kg	0-1	180	400	800
1315	mg/kg	0-1	250	400	800
132S	mg/kg	0-1	120	400	800
133S	mg/kg	0-1	200	400	800
1345	mg/kg	0-1	140	400	800
135S	mg/kg	0-1	130	400	800

Total lead analyzed using EPA Method 6010B

bgs – Below ground surface

mg/kg - milligrams per kilogram

SRL - Soil Remediation Level

Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL

Key:

Total lead analyzed using EPA Method 6010B

Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



Sample Number	Collection Date	Analytical Laboratory Report No.	Sample Depth (inches bgs)	Analytical Result (mg/kg)	Residential SRL	Non- Residential SRL
G1-1	April 4, 2017	L902835	0-1	33.8	400	800
G2-1	April 4, 2017	L902835	0-1	29.5	400	800
G3-1	April 4, 2017	L902835	0-1	49.8	400	800
G4-1	April 4, 2017	L902835	0-1	110	400	800
G4-4	June 5, 2017	L917155	3-4	174	400	800
G5-1	April 4, 2017	L902835	0-1	47.2	400	800
G6-1	April 4, 2017	L902835	0-1	40.9	400	800
G7-1	April 4, 2017	L902835	0-1	141	400	800
G7-4	June 5, 2017	L917155	3-4	72.5	400	800
G8-1	April 4, 2017	L902835	0-1	187	400	800
G8-4	June 5, 2017	L917155	3-4	239	400	800
G9-1	April 4, 2017	L902835	0-1	3,010	400	800
G9-4	May 3, 2017	L907554	3-4	2,770	400	800
G10-1	April 4, 2017	L902835	0-1	8,850	400	800
G10-4	May 3, 2017	L907554	3-4	13,300	400	800
G11-1	April 4, 2017	L902835	0-1	928	400	800
G11-4	May 3, 2017	L907554	3-4	1,330	400	800
G12-1	April 4, 2017	L902835	0-1	559	400	800
G12-4	May 3, 2017	L907554	3-4	105	400	800
G13-1	April 4, 2017	L902835	0-1	417	400	800
G13-4	May 3, 2017	L907554	3-4	986	400	800
G14-1	April 4, 2017	L902835	0-1	1,850	400	800
G14-4	May 3, 2017	L907554	3-4	1,460	400	800
G15-1	April 4, 2017	L902835	0-1	1,130	400	800
G15-4	May 3, 2017	L907554	3-4	1,410	400	800
G16-1	April 4, 2017	L902835	0-1	598	400	800
G16-4	May 3, 2017	L907554	3-4	258	400	800
G17-1	April 4, 2017	L902835	0-1	156	400	800
G17-4	June 5, 2017	L917155	3-4	116	400	800
G18-1	May 3, 2017	L907554	0-1	181	400	800
G18-4	June 5, 2017	L917155	3-4	129	400	800
G19-1	May 3, 2017	L907554	0-1	563	400	800
G19-A-1	June 5, 2017	L917155	0-1	287	400	800
G19-A-4	June 5, 2017	L917155	3-4	298	400	800
G19-B-1	June 5, 2017	L917155	0-1	603	400	800
G19-B-4	June 5, 2017	L917155	3-4	586	400	800
G19-C-1	June 5, 2017	L917155	0-1	1,960	400	800

Total lead analyzed using EPA Method 6010B

Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



TABLE 2
SUMMARY OF TOTAL LEAD IN SOIL SAMPLES AND SOIL REMEDIATION LEVELS (SRLs)
(2017 SAMPLES)

Sample Number	Collection Date	Analytical Laboratory Report No.	Sample Depth (inches bgs)	Analytical Result (mg/kg)	Residential SRL	Non- Residential SRL
G19-C-4	June 5, 2017	L917155	3-4	1,850	400	800
G19-D-1	June 5, 2017	L917155	0-1	224	400	800
G19-D-4	June 5, 2017	L917155	3-4	249	400	800
G19-E-1	June 5, 2017	L917155	0-1	553	400	800
G19-E-4	June 5, 2017	L917155	3-4	965	400	800
G19-F-1	June 5, 2017	L917155	0-1	892	400	800
G19-F-4	June 5, 2017	L917155	3-4	507	400	800
G19-G-1	June 5, 2017	L917155	0-1	344	400	800
G19-G-4	June 5, 2017	L917155	3-4	531	400	800
G19-H-1	June 5, 2017	L917155	0-1	488	400	800
G19-H-4	June 5, 2017	L917155	3-4	343	400	800
G19-I-1	June 5, 2017	L917155	0-1	295	400	800
G19-I-4	June 5, 2017	L917155	3-4	138	400	800
G20-1	May 3, 2017	L907554	0-1	215	400	800
G20-4	June 5, 2017	L917155	3-4	222	400	800
G21-1	May 3, 2017	L907554	0-1	83.6	400	800
G22-1	May 3, 2017	L907554	0-1	70.7	400	800
G23-1	May 3, 2017	L907554	0-1	47.8	400	800
G24-1	May 3, 2017	L907554	0-1	34.5	400	800
G25-1	May 3, 2017	L907554	0-1	37.2	400	800
G26-1	May 3, 2017	L907554	0-1	77.6	400	800
G27-1	May 3, 2017	L907554	0-1	66.0	400	800
G28-1	May 3, 2017	L907554	0-1	285	400	800
G28-4	June 5, 2017	L917155	3-4	278	400	800
G29-1	May 3, 2017	L907554	0-1	102	400	800
G29-4	June 5, 2017	L917155	3-4	135	400	800
G30-1	May 3, 2017	L907554	0-1	77.2	400	800
G31-1	May 3, 2017	L907554	0-1	61.5	400	800
G32-1	May 3, 2017	L907554	0-1	39.0	400	800
BERM1-1	April 4, 2017	L902835	0-1	1,070	400	800
BERM1-1-4	May 3, 2017	L907554	3-4	5,060	400	800
BERM1-2	April 4, 2017	L902835	0-1	1,330	400	800
BERM1-2-4	May 3, 2017	L907554	3-4	4,430	400	800
BERM1-3	April 4, 2017	L902835	0-1	1,710	400	800
BERM1-3-4	May 3, 2017	L907554	3-4	2,080	400	800
BERM2-1	April 4, 2017	L902835	0-1	127	400	800
BERM2-1-4	May 3, 2017	L907554	3-4	1,240	400	800

Total lead analyzed using EPA Method 6010B

Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



TABLE 2 SUMMARY OF TOTAL LEAD IN SOIL SAMPLES AND SOIL REMEDIATION LEVELS (SRLs) (2017 SAMPLES)

Sample Number	Collection Date	Analytical Laboratory Report No.	Sample Depth (inches bgs)	Analytical Result (mg/kg)	Residential SRL	Non- Residential SRL
BERM2-2	April 4, 2017	L902835	0-1	412	400	800
BERM2-2-4	May 3, 2017	L907554	3-4	66.1	400	800
BERM2-3	April 4, 2017	L902835	0-1	76.4	400	800
BERM2-3-4	May 3, 2017	L907554	3-4	99.8	400	800

Key:

Total lead analyzed using EPA Method 6010B

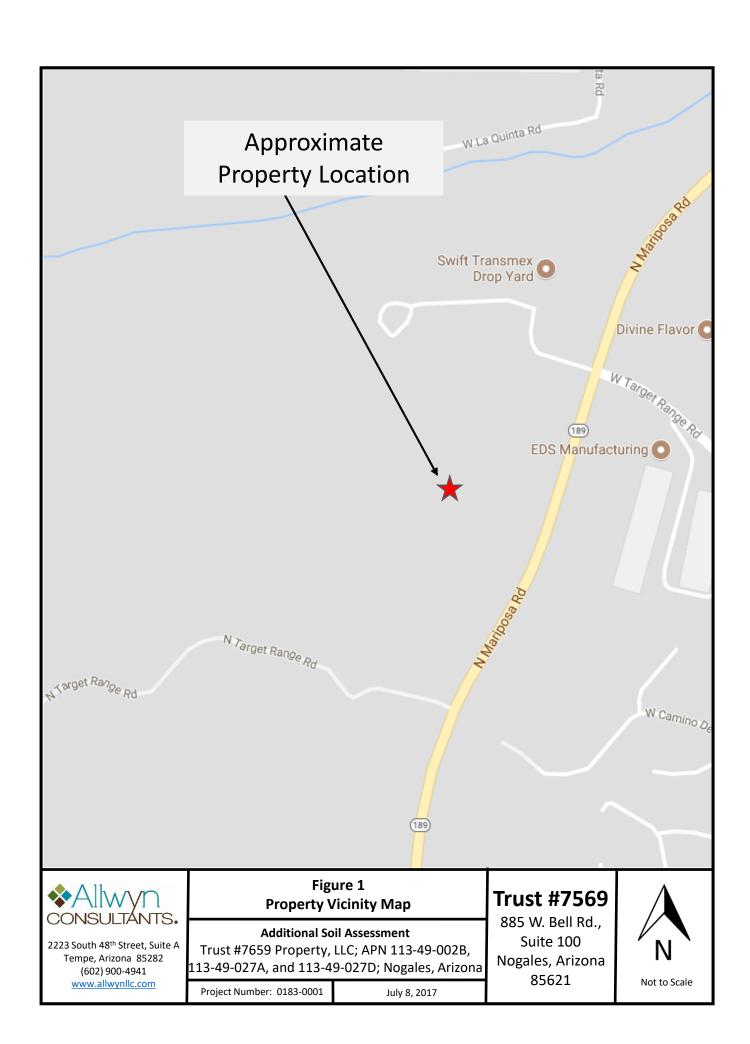
Shaded cell value exceeds residential SRL

Shaded cell value exceeds non-residential SRL



FIGURES









2223 South 48th Street, Suite A Tempe, Arizona 85282 (602) 900-4941 www.allwynllc.com

Assessor's Parcel Map

Additional Soil Assessment

Trust #7659 Property, LLC; APN 113-49-002B, 113-49-027A, and 113-49-027D; Nogales, Arizona

Project Number: 0183-0001

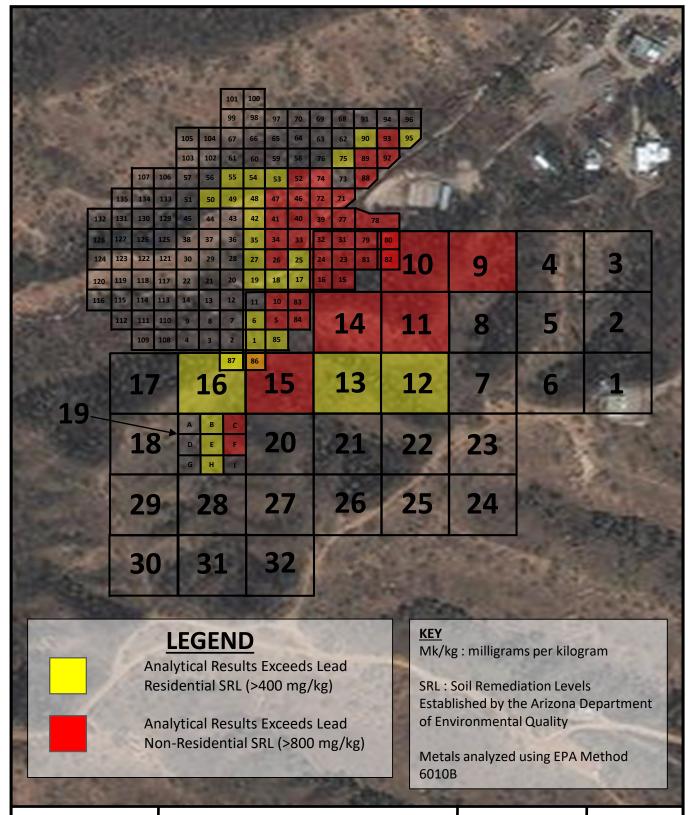
July 8, 2017

Trust #7569

885 W. Bell Rd., Suite 100 Nogales, Arizona 85621



Not to Scale





2223 South 48th Street, Suite A Tempe, Arizona 85282 (602) 900-4941 www.allwynllc.com

Figure 3: Surface Samples Containing Lead in Concentrations Exceeding SRLs

Additional Soil Assessment

Trust #7659 Property, LLC; APN 113-49-002B, 113-49-027A, and 113-49-027D; Nogales, Arizona

July 8, 2017

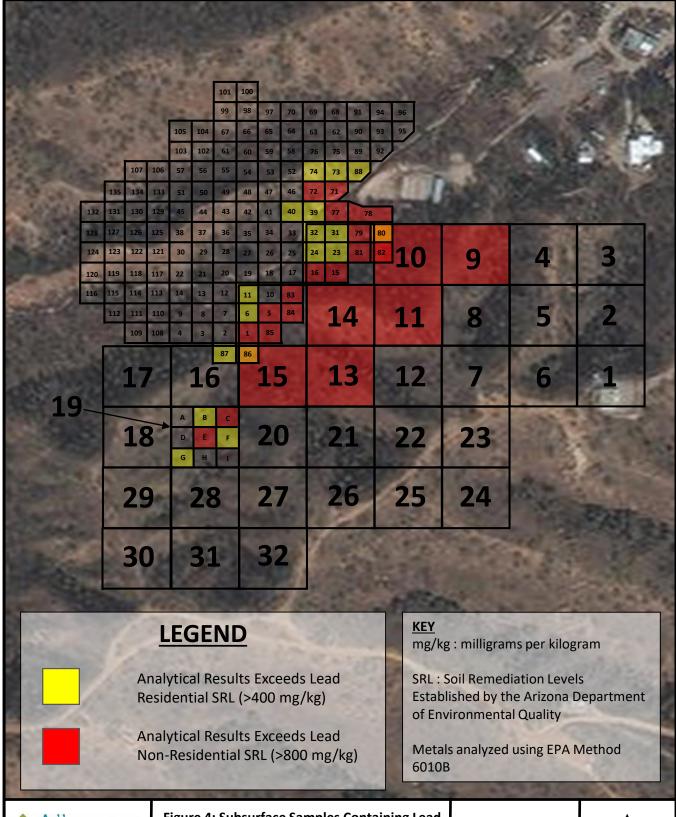
Project Number: 0183-0001

Trust #7569

885 W. Bell Rd., Suite 100 Nogales, Arizona 85621



Not to Scale





2223 South 48th Street, Suite A Tempe, Arizona 85282 (602) 900-4941 www.allwynllc.com

Figure 4: Subsurface Samples Containing Lead in Concentrations Exceeding SRLs

Additional Soil Assessment

Trust #7659 Property, LLC; APN 113-49-002B, 113-49-027A, and 113-49-027D; Nogales, Arizona

July 8, 2017

Project Number: 0183-0001

Trust #7569

885 W. Bell Rd., Suite 100 Nogales, Arizona 85621



Not to Scale

APPENDIX A

ANALYTICAL LABORATORY REPORTS





ANALYTICAL REPORT

Allwyn Consultants

Sample Delivery Group: L902835 Samples Received: 04/14/2017 Project Number: 0183-0001 Description: 0183-0001

Report To: Holly Land

2223 South 48th Street, Suite A

Tempe, AZ 85282

Entire Report Reviewed By:

Dapline R Richards

Daphne Richards

Technical Service Representative



34



¹ Cp: Cover Page	1
² Tc: Table of Contents	2
³ Ss: Sample Summary	3
⁴ Cn: Case Narrative	6
⁵ Sr: Sample Results	7
G17-1 L902835-01	7
G16-1 L902835-02	8
G15-1 L902835-03	9
G14-1 L902835-04	10
G13-1 L902835-05	11
G10-1 L902835-06	12
BERM2-1 L902835-07	13
BERM2-2 L902835-08	14
BERM2-3 L902835-09	15
BERM1-1 L902835-10	16
BERM1-2 L902835-11	17
BERM1-3 L902835-12	18
G9-1 L902835-13	19
G11-1 L902835-14	20
G12-1 L902835-15	21
G4-1 L902835-16	22
G8-1 L902835-17	23
G3-1 L902835-18	24
G5-1 L902835-19	25
G7-1 L902835-20	26
G6-1 L902835-21	27
G2-1 L902835-22	28
G1-1 L902835-23	29
⁶ Qc: Quality Control Summary	30
Metals (ICP) by Method 6010B	30
⁷ Gl: Glossary of Terms	32
⁸ Al: Accreditations & Locations	33



















⁹Sc: Chain of Custody

SAMPLE SUMMARY

ONIE	IAD	NIATIONIMIDE
OINE	LAD.	NATIONWIDE

G17-1 L902835-01 Solid			Collected by Holly Land	Collected date/time 04/04/17 10:35	Received date/time 04/14/17 12:30
	Detel	Diletiere	Duna markina	A	Arrahark
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 12:52	ST
			Collected by	Collected date/time	Received date/time
G16-1 L902835-02 Solid			Holly Land	04/04/17 11:00	04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:06	ST
			Collected by	Collected date/time	Received date/time
G15-1 L902835-03 Solid			Holly Land	04/04/17 11:25	04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:09	ST
			Collected by	Collected date/time	Received date/time
G14-1 L902835-04 Solid			Holly Land	04/04/17 11:40	04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:17	ST
G13-1 L902835-05 Solid			Collected by Holly Land	Collected date/time 04/04/17 12:05	Received date/time 04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:20	ST
G10-1 L902835-06 Solid			Collected by Holly Land	Collected date/time 04/04/17 12:25	Received date/time 04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst



Metals (ICP) by Method 6010B

Metals (ICP) by Method 6010B

Metals (ICP) by Method 6010B

Method

Method

BERM2-1 L902835-07 Solid

BERM2-2 L902835-08 Solid

04/17/17 14:28

Collected by

Holly Land

Preparation

04/17/17 14:28

Collected by

Holly Land

Preparation

04/17/17 14:28

date/time

date/time

Dilution

1

Dilution

04/19/17 13:23

04/04/17 12:55

Analysis

date/time

04/19/17 13:26

04/04/17 13:04

Analysis

date/time

04/19/17 13:29

Collected date/time

Collected date/time

ST

Received date/time

Analyst

ST

Received date/time

Analyst

ST

04/14/17 12:30

04/14/17 12:30

















WG971187

Batch

Batch

WG971187

WG971187

SAMPLE SUMMARY

ONE I	ΔR	ΝΔΤ	MIAOI	/IDE

			Collected by	Collected date/time	Received date/time
BERM2-3 L902835-09 Solid			Holly Land	04/04/17 13:09	04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:32	ST
			Collected by	Collected date/time	Received date/time
BERM1-1 L902835-10 Solid			Holly Land	04/04/17 13:25	04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:35	ST
BERM1-2 L902835-11 Solid			Collected by Holly Land	Collected date/time 04/04/17 13:30	Received date/time 04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:38	ST
BERM1-3 L902835-12 Solid			Collected by Holly Land	Collected date/time 04/04/17 13:35	Received date/time 04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:41	ST
G9-1 L902835-13 Solid			Collected by Holly Land	Collected date/time 04/04/17 14:00	Received date/time 04/14/17 12:30
Method	Batch	Dilution	Preparation	Analysis	Analyst
Metals (ICP) by Method 6010B	WG971187	1	date/time 04/17/17 14:28	04/19/17 13:44	ST
G11-1 L902835-14 Solid			Collected by Holly Land	Collected date/time 04/04/17 14:10	Received date/time 04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:52	ST
G12-1 L902835-15 Solid			Collected by Holly Land	Collected date/time 04/04/17 14:20	Received date/time 04/14/17 12:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 13:55	ST



















G4-1 L902835-16 Solid

Metals (ICP) by Method 6010B

Method

Batch

WG971187

Collected by

Holly Land

Preparation

04/17/17 14:28

date/time

Dilution

Collected date/time

04/04/17 14:35

Analysis

date/time

04/19/17 13:58

Received date/time

Analyst

ST

04/14/17 12:30

Collected date/time

SAMPLE SUMMARY

Collected by

Received date/time

Received date/time

Analyst

CCE

Received date/time

Analyst

CCE

04/14/17 12:30

04/14/17 12:30

Collected date/time

04/04/17 16:10

04/19/17 03:39

04/04/17 16:30

04/19/17 03:42

Analysis

date/time

Collected date/time

Analysis

date/time

G8-1 L902835-17 Solid			Holly Land	04/04/17 14:45	04/14/17 12:30
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 14:00	ST
			Collected by	Collected date/time	Received date/time
G3-1 L902835-18 Solid			Holly Land	04/04/17 14:50	04/14/17 12:30
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 14:03	ST
			Collected by	Collected date/time	Received date/time
G5-1 L902835-19 Solid			Holly Land	04/04/17 15:20	04/14/17 12:30
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 14:06	ST
			Collected by	Collected date/time	Received date/time
G7-1 L902835-20 Solid			Holly Land	04/04/17 15:52	04/14/17 12:30
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010B	WG971187	1	04/17/17 14:28	04/19/17 14:09	ST
			Collected by	Collected date/time	Received date/time
G6-1 L902835-21 Solid			Holly Land	04/04/17 15:55	04/14/17 12:30
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010B	WG970698	1	04/18/17 14:34	04/19/17 03:36	CCE



















G2-1 L902835-22 Solid

G1-1 L902835-23 Solid

Metals (ICP) by Method 6010B

Metals (ICP) by Method 6010B

Method

Method

Batch

Batch

WG970698

WG970698

Collected by

Holly Land

Preparation

04/18/17 14:34

Collected by

Holly Land

Preparation

04/18/17 14:34

date/time

date/time

Dilution

Dilution

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



















Papline R Richards

Technical Service Representative

Daphne Richards

G17-1

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.

*

Collected date/time: 04/04/17 10:35

Metals (ICP) by Method 6010B

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	156		0.500	1	04/19/2017 12:52	WG971187	



















G16-1

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 11:00

L902835

2002

Metals (ICP) by Method 6010B

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	598		0.500	1	04/19/2017 13:06	WG971187	



















G15-1

SAMPLE RESULTS - 03 L902835

ONE LAB. NATIONWIDE.



Collected date/time: 04/04/17 11:25

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg		date / time	
Lead	1130		0.500	1	04/19/2017 13:09	WG971187



















G14-1

SAMPLE RESULTS - 04 L902835

ONE LAB. NATIONWIDE.



	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	1850		0.500	1	04/19/2017 13:17	WG971187	



















G13-1

SAMPLE RESULTS - 05

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 12:05

L902835

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	417		0.500	1	04/19/2017 13:20	WG971187	



















G10-1

SAMPLE RESULTS - 06 L902835

ONE LAB. NATIONWIDE.



	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	8850		0.500	1	04/19/2017 13:23	WG971187



















BERM2-1

SAMPLE RESULTS - 07 L902835

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 12:55 Metals (ICP) by Method 6010B

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	127		0.500	1	04/19/2017 13:26	WG971187



















BERM2-2

SAMPLE RESULTS - 08

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 13:04

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	412		0.500	1	04/19/2017 13:29	WG971187	



















BERM2-3

SAMPLE RESULTS - 09

ONE LAB. NATIONWIDE.

L902835

Metals (ICP) by Method 6010B

Collected date/time: 04/04/17 13:09

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	76.4		0.500	1	04/19/2017 13:32	WG971187	



















BERM1-1

SAMPLE RESULTS - 10 L902835

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010B

Collected date/time: 04/04/17 13:25

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	1070		0.500	1	04/19/2017 13:35	WG971187



















BERM1-2

SAMPLE RESULTS - 11

ONE LAB. NATIONWIDE.

LE RESULIS - 11 ONE LAB.
L902835

Collected date/time: 04/04/17 13:30

Metals (ICP) by Method 6010B

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	1330		0.500	1	04/19/2017 13:38	WG971187



















BERM1-3

SAMPLE RESULTS - 12

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 13:35

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	1710		0.500	1	04/19/2017 13:41	WG971187



















G9-1

SAMPLE RESULTS - 13

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 14:00

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	3010		0.500	1	04/19/2017 13:44	WG971187	















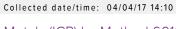




G11-1

SAMPLE RESULTS - 14 L902835

ONE LAB. NATIONWIDE.



	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	928		0.500	1	04/19/2017 13:52	WG971187	



















G12-1

SAMPLE RESULTS - 15

ONE LAB. NATIONWIDE.

*

Collected date/time: 04/04/17 14:20

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	559		0.500	1	04/19/2017 13:55	WG971187



















G4-1

SAMPLE RESULTS - 16 L902835

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010B

Collected date/time: 04/04/17 14:35

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	110		0.500	1	04/19/2017 13:58	WG971187	



















G8-1

SAMPLE RESULTS - 17

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 14:45 L902835

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	187		0.500	1	04/19/2017 14:00	WG971187	



















G3-1

SAMPLE RESULTS - 18

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 14:50

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	49.8		0.500	1	04/19/2017 14:03	WG971187	



















G5-1

SAMPLE RESULTS - 19

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 15:20

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	47.2		0.500	1	04/19/2017 14:06	WG971187	



















G7-1

SAMPLE RESULTS - 20

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 15:52

L902835

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	141		0.500	1	04/19/2017 14:09	WG971187	



















G6-1

SAMPLE RESULTS - 21

ONE LAB. NATIONWIDE.

*

Collected date/time: 04/04/17 15:55

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	40.9		0.500	1	04/19/2017 03:36	WG970698	



















G2-1

SAMPLE RESULTS - 22 L902835

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010B

Collected date/time: 04/04/17 16:10

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	29.5		0.500	1	04/19/2017 03:39	WG970698	



















G1-1

SAMPLE RESULTS - 23

ONE LAB. NATIONWIDE.

Collected date/time: 04/04/17 16:30

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	33.8		0.500	1	04/19/2017 03:42	WG970698	



















QUALITY CONTROL SUMMARY

Metals (ICP) by Method 6010B L902835-21,22,23

ONE LAB. NATIONWIDE.

Method Blank (MB)

(MB) R3211717-1	04/19/17 02:58
	MR Result

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Lead	U		0.19	0.500







Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

	001 00044747 0	0 4 40 47 00 00	(I OOD) DOOMATAT O	0 4 40 47 00 00
- (I (SI R3711/1/=/	$04/19/17 03.00 \bullet 1$	(LCSD) R3211717-3	04/19/17 (13.07)

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Lead	100	105	107	105	107	80-120			2	20





⁶Qc



(OS) L902842-08 04/19/17 03:05 • (MS) R3211717-6 04/19/17 03:13 • (MSD) R3211717-7 04/19/17 03:15

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Lead	100	8.03	110	109	102	101	1	75-125			1	20







PAGE:

30 of 37

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010B

L902835-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R3212027-1	04/19/17 12:44
	MB Re

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Lead	U		0.19	0.500







Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCC) D2212027.2	04/10/17 12:47	(I CCD) D2212027.2	04/10/17 12:50
(LCS) R3212U21-2	04/19/1/ 12.4/ • 1	(LCSD) R3212027-3	04/19/1/ 12.50

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Lead	100	106	108	106	108	80-120			1	20







(OS) L902835-01 04/19/17 12:52 • (MS) R3212027-6 04/19/17 13:01 • (MSD) R3212027-7 04/19/17 13:03

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Lead	100	156	267	265	111	109	1	75-125			1	20









Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Rec.	Recovery.
Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

GLOSSARY OF TERMS

¹Cp



















ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.*** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Ilinois	200008	Oregon	TN200002
ndiana	C-TN-01	Pennsylvania	68-02979
owa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee 14	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



















ARE STORY	0.4 -0.0		Billing Inform	nation		T	100	Analy	sis / Conta	ner / Presen	ative		Chain of Custody	y Page of
mpany Name/Address: Ilwyn Consultant	2		Dinning Investor										38	-50
						3		ROLL						
223 S 48th St. Suite A empe, AZ 85282			16										L-A-B S-	C-DEIN-C-E-I
empe, Az oszoz			E E									32.6	12065 Lebanon Ro Mount Juliet, TN 3	
eport to:			Email To:	DALLWY	JUC CAN	n		100	135				Phone: 615-758-5 Phone: 800-767-5	858
Holly Land	Britis I		TICHIOL	City/State	oza ic on	,	8			1 10			Fax: 615-758-5859	Land a 110 minut
oject 0183~0	100			Collected:			0	1					The second second second	2875
hone: 623-792-8722	Client Project #			Lab Project #			60108						H153	- 1
ax:	0183		ol la	00.8			2						Acctnum: A	LLWYNGAZ
ollected by (print):	Site/Facility ID	4		P.O. #			8						Template:	IN SEE.
Holy Land	Rush? (U	ab MUST Be	Notified)	Date R	esults Needed		Lead						Prelogin:	
1611-21	Same 0	Day	200%	Email?	No KYes					-		The same	TSR: Cooler:	
mmediately	Same Day Next Day Two Day Three Day Three Day		50%		te Ver	No.	Tota						Shipped Via:	THE WAR LONG TO
ackes on rec	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	12						Rem/Contamin	unt Sample # (lub onh
Sample ID		55		4/4/17	1035	1	4					11 1	100	01
G17-1	Comp	27	0-1	1	1100	1	X		-18					on
616-1	Comp	1	++	1	1125	1	7		13				4	03
G15-1	Comp	-			1140	1	X							04
614-1	Comp	+	1	1	1205	1	7							65
613	Comp	+			1225	1	X							6
G10-1	Comp	++		7 7 7	1255	1	X							0
BERM2-1	Grab		100		1304	1	X		1					A
BERMA-2	Greb				1309	1	4		23 1				1 3	05
BERM2-3	Breb	and the same of th	1		1325	1	X	9 000					1300	N
BERMI-1	Grab		-	- -	1.000		1			Temp				
• Matrix: SS - Soil GW - Groundw	ster WW - Waste	Water DW	Drinking Wa	oter OT - Other					рН			Hold #		
Remarks:			-			1			Flow	Other turned via:	Charles Park	Conditio	one	(lab use only)
Relinquished by : (Signature)	0	Date: /	-1-	CONTRACTOR OF THE PARTY OF THE	Received by: (Signi	ture)	103	1.1			1 SWA	- Promotion		0-04
Walls Z	1	9//	3/17	0920 Time:	Received by: (\$ight	ture)		\	Temp:		ttles Received:	3		. 7
Religioushed by : (Signature)		41	2/1-	1800	SUA	1			3,6	0	3-20	COC Se	eal Intact:	Y N NA

		8	iling Inform	nation:				Analysis / Cont	ainer / Prese	ryative		Chain of Cus	TO	go Zor
pany Name/Address:			_	ne								3	H'	1
llwyn Consultants	,		Sar	ne									5-C-11E	NI C.E.S
23 S 48th St. Suite A												BACKSON IN	Design Charles	
mpe, AZ 85282												12065 Lebano Mount Juliet,	on Rd	
	100000000000000000000000000000000000000	E	mail To:	~~~	11111							Phone: 615-7 Phone: 800-7	58-5858	2011
Dalla and			HLA.	MAKLWY	NULC.COI	n	6010B					Fax: 615-758	-5859	回流注题
Holly Land spect of the scription: 0183-01				City/State Collected:	7	15	0				NE I	L# 4	9028.	35
scription: 0183-01	Client Project #		25/10	Lab Project #		88.	9							
one: 623-792-8722			,			94	0					Table #		
K.	The second secon	5-000)	P.O.#	West State		8	Bal 1				Acctnum	ALLW	YNGAZ
flected by (print):	Site/Facility ID	"			1100		0		104			Template	21	
Holly Land	Ruch2 III	ab MUST Be N	Notified)	Date Re	sults Needed		7	THE YES				Prelogin:		
offected by (signature):	Same D	lay	200%	Covall2	No _Yes		7	4-30-2-8			1	TSR: Cooler:		
nmediately /	Next D		100%		loYes	No.	ata a					Shipped	Via:	122 415
acked on ice N X Y	Three i	Day	25%		Time	Cntrs	F					Bern./Cont	CONTRACT IN	ample # (lab only)
Sample ID	Comp/Grab	Matrix *	Pepth	Date	CONTRACTOR OF THE									11
SERMI-2	Grab	SS	1-0	4/4/17	1330	1	1					- T		12
	Greb		1	4.4	1335	1	X							13
BERM1-3 89-1"69-1	Comp				1400	1	X							ELECTRONIC CONTRACTOR
	17				1410	1	+							14
BH-1 611-1	(omp	-	100		1420	1	*							15
B12-1"G12-1	Comp	-	1		1435	1	4	March 1			1935			16
134 + G4-1	Conf	-	-	-	1445	1	X	- 1000						17
B8-1-68-1	Comp	1			177	1	4			0.50				A
B3-1463-1	Comp	200	1		1450		1							19
B5-HC5-	Comp				1520		1							20
27-1×17-	Comp		-		1557	21	X							
D1-101	THE RESERVE OF THE PERSON NAMED IN		S. Can	or Coulor				pH	Te	mp	7 .	3.72.56.2		
* Matrix: SS - Soil GW - Groundw	ater WW - Waste	Water DW -	Drinking W	ater Or Other				Flow_	Ot	her	H	old#		
Remarks:				In .	Received by: (Sig	naturel	1	Samples	returned vii	: UPS	- 100	ondition:	(lab u	se only) NW
Relinquished by : (Signature)	1	Date: /	2/-		4	19		□Fe	dEx 🗆 Co	urier 9/50	14		0	~ 7
Wells =	6	7//.	40)	0920	Received by: (5/8	nature		Temp;	°C	Bottles Receive	ed:			
Relinguished by (Signature)		411	1,-	1800	SWA	1) 3,		27	-	COC Seal Intact:	NCF:	N NA
Tomelan	1	Date.	111	Time:	Received for lab	by: (Sig	na neel	Date:	1.7	123C)	H Checked:	100	
Relinquished by Aignature			of a	a Property of	ann	111	VL	4//	4/1+	100				2.0

ompany Name/Address:			Billing Info			10	Analysis / Container / Preservative Chain of Custody					2	
Allwyn Consultar	nts		150	me			医器 5					In A T	y Page
223 S 48th St. Suite A			6									2	-/(
empe, AZ 85282			100								DE :	LIA-B S	G-I-E-N-G
			Email To:				BB 4	186				ALCOHOL: THE	U OF CHO
Holly Lar	201			NOGAL	VALVALI	10	com					13065 Lebanon Rd Mount Juliet, TN 3	7122
roject			1111111	City/State Collected:	- 10 110 -							Phone: 615-758-58 Phone: 800-767-58 Fax: 615-758-5859	59 300C
escription: \$163	Client Project	-	District.	Lab Project #			m				100	2000	THE SAME
none: 623-792-8722	WASHING OF STREET			cao Project #			8					1# 902	1835
ix: ollected by (print):	Ø18	5-60	00/	00.0			010					Table #	
	Site Practity It			P.O. #			9				350	Acctnum: AL	LWYNGA
illected (Wisignature):	Rush? (U	ab MUST Be	Notified)	Date Re	sults Needed					-		Template:	
	Same I		200%	Email?	No Vva	-	0					Prelogin:	
nmediately scked on Ice N X Y	Two Di	ıy	50% 25%	FAX? XN	Committee of the commit	No.		-	No.			TSR:	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	of Cntrs	10401					Cooler: Shipped Via:	
0 - NI		IXIOXI IX	Бери	Date	116	-	-					Rem./Contaminant	Sample # (lab.pr
0	^	00		11 11 1-	-		**	HS				4	
66	Comp	55	Q-1	7-4-17	1555	1	X						21
021	Comp	00	0-1	4-4-17	160	1	0.00				MOTO !	1 1 1 1 1 1	22
61-1	Comp	55	0-1	4-4-17	1630	1	X	BURNET CO					23
			2 30		- 900				Fig.				
	16.		5.05	7 7 7	110000000000000000000000000000000000000	1			10				TABLE OF
	1	2	200	E PER									
	2	2	60						100			100	
	100	5	100	Sa	Commence of the						10/1:10		
			4	- Re					B (3)	100 828		1 27	
Matrix: SS - Soil GW - Groundwa	ter WW - WasteW	ater DW - D	rinking Wate	r OT - Other	\			all	927		Value of	100	
emarks:								pH	Ten	1 - A - A - A			
linquished by (fignature)	0	Date: /	/ 11	ime: Reg	Eived by: (Signat	utel	A PAGE	Flow	Oth	Michigan Company	Hold #		
dell Z	1	4/19		0920 9	medi)c	~	Market and the second	eturned via:	er ASWA	Condition:	(lab us	e only) /(u)
dirigidshed by : (Signature)	1 1/2	Date:	-	ime: Rec	eived by: (Signat	urg		Temp:		ettles Received:		V	7
Times Va	7	4/13	17	The contract of the contract o	NUM	1		3+	7	23	COC Seal II	ntaet: v	N L NA
linquished by : (Signature)		Date:	1	ime: Rec	elved for lab by:	(Signat	ure)	Date: 0	/ / Tir	ne:	pH Checker		N L NA

ESC LAB SC Cooler Recei			
Client: ALLWYNGAZ	SDG#	90287	75
Cooler Received/Opened On: 4/14 /17	Temperature:	306	1
Received By: Nadiar Yakob		200	
Signature: NMM			
Receipt Check List	NP	Yes	No
COC Seal Present / Intact?		35 11	
COC Signed / Accurate?	(1) (6) 代数 (1) (1) (1)	/	we was to
Bottles arrive intact? Correct bottles used?	197	/	
Sufficient volume sent?	WHAT THE PLANT	/	ery e di
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			



ANALYTICAL REPORT May 15, 2017



Allwyn Consultants

L907554 Sample Delivery Group:

Samples Received: 05/06/2017

Project Number: 0183-0001

Description: 0183-0001

Report To: Holly Land

2223 South 48th Street, Suite A

Tempe, AZ 85282

Entire Report Reviewed By:

Dapline R Richards

Daphne Richards

Technical Service Representative Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



	4
Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	7
Sr: Sample Results	8
G24-1 L907554-01	8
G30-1 L907554-02	9
G25-1 L907554-03	10
G23-1 L907554-04	11
G16-4 L907554-05	12
G26-1 L907554-06	13
G15-4 L907554-07	14
G27-1 L907554-08	15
G32-1 L907554-09	16
G22-1 L907554-10	17
G14-4 L907554-11	18
G28-1 L907554-12	19
G31-1 L907554-13	20
G13-4 L907554-14	21
G21-1 L907554-15	22
G20-1 L907554-16	23
G29-1 L907554-17	24
G12-4 L907554-18	25
G18-1 L907554-19	26
G19-1 L907554-20	27
G11-4 L907554-21	28
G10-4 L907554-22	29
G9-4 L907554-23	30
BERM1-1-4 L907554-24	31
BERM1-2-4 L907554-25	32
BERM1-3-4 L907554-26	33
BERM2-1-4 L907554-27	34
BERM2-2-4 L907554-28	35
BERM2-3-4 L907554-29	36
Qc: Quality Control Summary	37
Metals (ICP) by Method 6010C	37
GI: Glossary of Terms	40
Al: Accreditations & Locations	41
Sc: Chain of Custody	42



















ONE LAB. NATIONWIDE.

G24-1 L907554-01 Solid			Collected by Holly Land	Collected date/time 05/03/17 08:55	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG977514	1	05/09/17 17:44	05/11/17 13:05	ST
			Collected by	Collected date/time	Received date/time

SAMPLE SUMMARY



















		Collected by Holly Land	Collected date/time 05/03/17 08:55	Received date/time 05/06/17 08:45
D	Dil ii	- · · ·	A 1 :	
Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
WG977514	1	05/09/17 17:44	05/11/17 13:05	ST
		Collected by Holly Land	Collected date/time 05/03/17 08:58	Received date/time 05/06/17 08:45
Batch	Dilution	Preparation	Analysis	Analyst
		date/time	date/time	,
WG977514	1	05/09/17 17:44	05/11/17 13:19	ST
		Collected by Holly Land	Collected date/time 05/03/17 09:09	Received date/time 05/06/17 08:45
Patch	Dilution	Proparation	Analysis	Analyst
DdlCII	Dilution		•	AlldiySt
WG977514	1	05/09/17 17:44	05/11/17 13:22	ST
		Collected by Holly Land	Collected date/time 05/03/17 09:10	Received date/time 05/06/17 08:45
Batch	Dilution	Preparation	Analysis date/time	Analyst
WG977514	1	05/09/17 17:44	05/11/17 13:40	ST
		Collected by Holly Land	Collected date/time 05/03/17 09:17	Received date/time 05/06/17 08:45
Batch	Dilution	Preparation	Analysis date/time	Analyst
WG977514	1	05/09/17 17:44	05/11/17 13:42	ST
		Collected by Holly Land	Collected date/time 05/03/17 09:24	Received date/time 05/06/17 08:45
Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
WG977514	1	05/09/17 17:44	05/11/17 13:45	ST
		Collected by Holly Land	Collected date/time 05/03/17 09:38	Received date/time 05/06/17 08:45
Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
WG977514	1	05/09/17 17:44	05/11/17 13:48	ST
		Collected by Holly Land	Collected date/time 05/03/17 09:45	Received date/time 05/06/17 08:45
Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
WG977514	1	05/09/17 17:44	05/11/17 13:51	ST
	Batch WG977514 Batch WG977514 Batch WG977514 Batch WG977514 Batch WG977514 Batch WG977514	Batch Dilution	Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Batch Dilution Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Preparation date/time WG977514 1 05/09/17 17:44 Collected by Holly Land Preparation date/time	Batch Dilution Preparation date/time date/time date/time date/time date/time date/time date/time date/time O5/03/17 08:58

WIDE.

ONE	LAB.	NAT	IONV

			Callagatadla	Callantad databina	Received date/time
G32-1 L907554-09 Solid			Collected by Holly Land	Collected date/time 05/03/17 09:56	05/06/17 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG977514	1	05/09/17 17:44	05/11/17 13:54	ST
G22-1 L907554-10 Solid			Collected by Holly Land	Collected date/time 05/03/17 10:00	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG977514	1	05/09/17 17:44	05/11/17 13:57	ST
G14-4 L907554-11 Solid			Collected by Holly Land	Collected date/time 05/03/17 10:15	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG977514	1	05/09/17 17:44	05/11/17 14:00	ST
G28-1 L907554-12 Solid			Collected by Holly Land	Collected date/time 05/03/17 10:18	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	,
Metals (ICP) by Method 6010C	WG977514	1	05/09/17 17:44	05/11/17 14:03	ST
G31-1 L907554-13 Solid			Collected by Holly Land	Collected date/time 05/03/17 10:25	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG977514	1	05/09/17 17:44	05/11/17 14:06	ST
G13-4 L907554-14 Solid			Collected by Holly Land	Collected date/time 05/03/17 10:48	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Method			date/time	date/time	

SAMPLE SUMMARY



Cn

Sr

СQс

Gl

Sc

G21-1 L907554-15 Solid

G20-1 L907554-16 Solid

Metals (ICP) by Method 6010C

Metals (ICP) by Method 6010C

Method

Method

Batch

Batch

WG977514

WG977514

Collected by

Holly Land

Preparation

05/09/17 17:44

Collected by

Holly Land

Preparation

date/time

05/09/17 17:44

date/time

Dilution

1

Dilution

Collected date/time

05/03/17 10:50

Analysis

date/time

05/11/17 14:18

05/03/17 11:10

Analysis

date/time

05/11/17 14:21

Collected date/time

Received date/time

Analyst

ST

Received date/time

Analyst

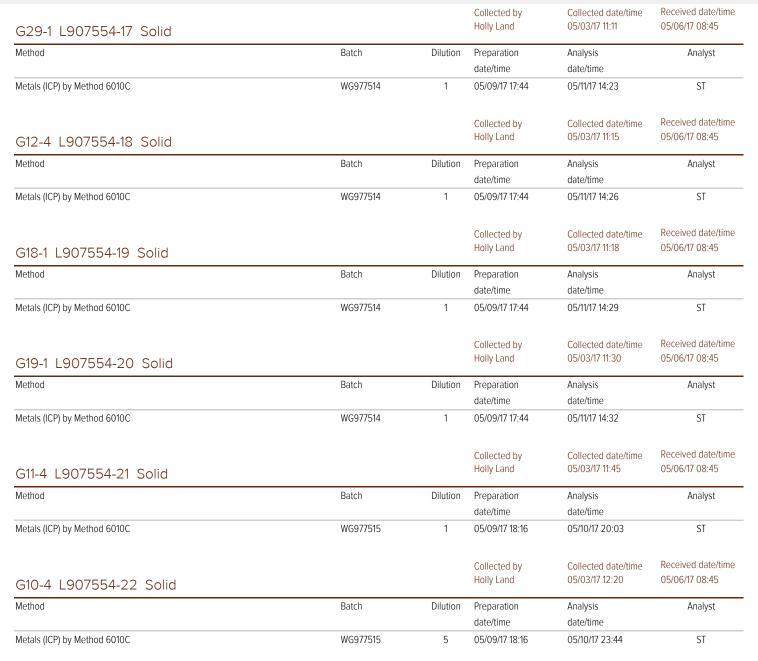
ST

05/06/17 08:45

05/06/17 08:45

SAMPLE SUMMARY

		NINTI		
() \(\begin{array}{c} \end{array} \)	IAB	NATI	UNIXIV	/II) 🗀





















G9-4 L907554-23 Solid

BERM1-1-4 L907554-24 Solid

Metals (ICP) by Method 6010C

Metals (ICP) by Method 6010C

Method

Method

Batch

Batch

WG977515

WG977515

Collected by

Holly Land

Preparation

05/09/17 18:16

Collected by

Holly Land

Preparation

05/09/17 18:16

date/time

date/time

Dilution

1

Dilution

Collected date/time

05/03/17 12:35

05/10/17 21:06

05/03/17 13:00

Analysis

date/time

05/10/17 21:09

Collected date/time

Analysis

date/time

Received date/time

Analyst

ST

Received date/time

Analyst

ST

05/06/17 08:45

05/06/17 08:45



BERM1-2-4 L907554-25 Solid			Collected by Holly Land	Collected date/time 05/03/17 13:10	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG977515	1	05/09/17 18:16	05/10/17 21:11	ST
BERM1-3-4 L907554-26 Solid			Collected by Holly Land	Collected date/time 05/03/17 13:18	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG977515	1	05/09/17 18:16	05/10/17 21:14	ST
BERM2-1-4 L907554-27 Solid			Collected by Holly Land	Collected date/time 05/03/17 13:30	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Metals (ICP) by Method 6010C	WG977515	1	date/time 05/09/17 18:16	05/10/17 21:17	ST
BERM2-2-4 L907554-28 Solid			Collected by Holly Land	Collected date/time 05/03/17 13:43	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG978535	1	05/13/17 10:58	05/15/17 04:13	CCE
BERM2-3-4 L907554-29 Solid			Collected by Holly Land	Collected date/time 05/03/17 13:55	Received date/time 05/06/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst

WG977515



















Metals (ICP) by Method 6010C

05/09/17 18:16

05/10/17 21:20

ST

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



















Technical Service Representative

Japhne R Richards

G24-1

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.

製

Collected date/time: 05/03/17 08:55

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	34.5		0.500	1	05/11/2017 13:05	WG977514	



















G30-1

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 08:58

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	77.2		0.500	1	05/11/2017 13:19	WG977514	



















G25-1

SAMPLE RESULTS - 03

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 09:09

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	37.2		0.500	1	05/11/2017 13:22	WG977514	



















G23-1

SAMPLE RESULTS - 04

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 09:10

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	47.8		0.500	1	05/11/2017 13:40	WG977514	



















G16-4

SAMPLE RESULTS - 05

ONE LAB. NATIONWIDE.

CESULIS - US

Collected date/time: 05/03/17 09:17

Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	258		0.500	1	05/11/2017 13:42	WG977514	



















G26-1

SAMPLE RESULTS - 06

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 09:24

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	77.6		0.500	1	05/11/2017 13:45	WG977514	



















G15-4

SAMPLE RESULTS - 07

ONE LAB. NATIONWIDE.

ULIS - U/



	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	1410		0.500	1	05/11/2017 13:48	WG977514	



















G27-1

SAMPLE RESULTS - 08

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 09:45

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	66.0		0.500	1	05/11/2017 13:51	WG977514	



















G32-1

SAMPLE RESULTS - 09

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 09:56

L907554

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	39.0		0.500	1	05/11/2017 13:54	WG977514	



















G22-1

SAMPLE RESULTS - 10 L907554

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 10:00 Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	70.7		0.500	1	05/11/2017 13:57	WG977514	



















G14-4

SAMPLE RESULTS - 11 L907554

ONE LAB. NATIONWIDE.



	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	1460		0.500	1	05/11/2017 14:00	WG977514



















G28-1

SAMPLE RESULTS - 12

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 10:18

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	285		0.500	1	05/11/2017 14:03	WG977514	



















G31-1

SAMPLE RESULTS - 13

ONE LAB. NATIONWIDE.



	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	61.5		0.500	1	05/11/2017 14:06	WG977514	



















G13-4

SAMPLE RESULTS - 14

ONE LAB. NATIONWIDE.

*

Collected date/time: 05/03/17 10:48

Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	986		0.500	1	05/11/2017 14:15	WG977514	



















G21-1

SAMPLE RESULTS - 15

ONE LAB. NATIONWIDE.

RESULTS - 15 ONE LAB. NATION

Collected date/time: 05/03/17 10:50 Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	83.6		0.500	1	05/11/2017 14:18	WG977514	



















G20-1

SAMPLE RESULTS - 16

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 11:10

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	215		0.500	1	05/11/2017 14:21	WG977514	



















G29-1

SAMPLE RESULTS - 17

ONE LAB. NATIONWIDE.

*

Collected date/time: 05/03/17 11:11

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	102		0.500	1	05/11/2017 14:23	WG977514	



















G12-4

SAMPLE RESULTS - 18

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 11:15

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	105		0.500	1	05/11/2017 14:26	WG977514	



















G18-1

SAMPLE RESULTS - 19

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 11:18

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	181		0.500	1	05/11/2017 14:29	WG977514



















G19-1

SAMPLE RESULTS - 20

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 11:30

L907554

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	563		0.500	1	05/11/2017 14:32	WG977514	



















SAMPLE RESULTS - 21

ONE LAB. NATIONWIDE. Collected date/time: 05/03/17 11:45

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	1330		0.500	1	05/10/2017 20:03	WG977515	



















G10-4

SAMPLE RESULTS - 22

ONE LAB. NATIONWIDE.

. 4

Collected date/time: 05/03/17 12:20

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	13300		2.50	5	05/10/2017 23:44	WG977515	



















SAMPLE RESULTS - 23

ONE LAB. NATIONWIDE.

Collected date/time: 05/03/17 12:35

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	2770		0.500	1	05/10/2017 21:06	WG977515	



















BERM1-1-4

SAMPLE RESULTS - 24 L907554

ONE LAB. NATIONWIDE.



	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	5060		0.500	1	05/10/2017 21:09	WG977515



















BERM1-2-4

SAMPLE RESULTS - 25

ONE LAB. NATIONWIDE.

*

Collected date/time: 05/03/17 13:10

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	4430		0.500	1	05/10/2017 21:11	WG977515	



















BERM1-3-4

SAMPLE RESULTS - 26

ONE LAB. NATIONWIDE.

*

Collected date/time: 05/03/17 13:18

Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	2080		0.500	1	05/10/2017 21:14	WG977515	



















BERM2-1-4

SAMPLE RESULTS - 27

ONE LAB. NATIONWIDE.

*

Collected date/time: 05/03/17 13:30

Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	1240		0.500	1	05/10/2017 21:17	WG977515	



















BERM2-2-4

SAMPLE RESULTS - 28

ONE LAB. NATIONWIDE.

*

Metals (ICP) by Method 6010C

Collected date/time: 05/03/17 13:43

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	66.1		0.500	1	05/15/2017 04:13	WG978535



















BERM2-3-4

SAMPLE RESULTS - 29

ONE LAB. NATIONWIDE.

*

Collected date/time: 05/03/17 13:55

Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	99.8		0.500	1	05/10/2017 21:20	WG977515	



















QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010C

L907554-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R3217458-1	05/11/17 12:	:57
		MR R

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Lead	U		0.19	0.500







Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3217458-2	05/11/17 12:59 •	(LCSD) R3217458-3	05/11/17 13:02

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Lead	100	102	94 5	102	94	80-120			8	20





⁶Qc



(OS) L907554-01 05/11/17 13:05 • (MS) R3217458-6 05/11/17 13:13 • (MSD) R3217458-7 05/11/17 13:16

(,		Original Result	•	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Lead	100	34.5	135	134	100	99	1	75-125			1	20







QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010C

L907554-21,22,23,24,25,26,27,29

Method Blank (MB)

(MB) R3217175-1	05/10/17 19:55
	MPD

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Lead	U		0.19	0.500







Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(1 (2) 1	D3217175 2	05/10/17 10:50 -	/I CSD	D221717E 2	05/10/17 20:00
(LC3) I	K3Z1/1/3-Z	05/10/1/ 19.56 •	(LCSD) K3Z1/1/3-3	05/10/17 20.00

, ,	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
Lead	100	104	103	104	103	80-120			1	20	





⁶Qc



(OS) L907554-21 05/10/17 20:03 • (MS) R3217175-6 05/10/17 20:11 • (MSD) R3217175-7 05/10/17 20:14

(00) 2007 00 1 21 00/10/	20.00 (0) .	.02	= 0 (.		, 00,.0,., =	J							
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%	
Lead	100	1330	1540	1590	212	268	1	75-125	M3	M3	4	20	







QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010C

L907554-28

Method Blank (MB)

Lead

(IVID) K321/090-1 U3/13/1	7 03.54			
	MB Result	MB Qualifier	MB MDL	
Analyte	mg/kg		mg/kg	

U



Ss

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

0.19

0.500

(LCS) R3217890-2 05/15/1	7 03:56 • (LCSI	D) R3217890-3	05/15/17 03:58	3						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Lead	100	102	102	102	102	80-120			0	20





L908023-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L908023-01 05/15/17 04:01 • (MS) R3217890-6 05/15/17 04:08 • (MSD) R3217	290 ₋ 7 05/15/17 0 <i>1</i> ·11

(03) 2300023 01 0313/11 04.01 - (113) 1030 0 03/13/11 04.00 - (1132) 1030 1 03/13/11 04.11												
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Lead	100	18.6	128	119	109	100	1	75-125			7	20







GLOSSARY OF TERMS

Abbreviations and Definitions

M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated blank spike recovery was acceptable.
Qualifier	Description
Rec.	Recovery.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
RPD	Relative Percent Difference.
U	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
MDL	Method Detection Limit.
SDG	Sample Delivery Group.





















ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE. * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee 14	2006
Louisiana	Al30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crvpto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



















DATE/TIME:

05/15/17 10:06

ompany Name/Address:			Billing Inform	nation:				Anal	ysis / Contain	er / Preser	B G	5 C	ain of Custody	Page 1 of 3
Allwyn Consultants	3	N.	Same										表上	250
223 S 48th St. Suite A empe, AZ 85282												1	2065 Lebanon Rd lount Juliet, TN 371	OF CHOICE
eport to:			Email To:	ALLWYNLL	e-com							P	hone: 615-758-585 hone: 800-767-585	
Holly Land	77. 32.	Ale Da	HENNOS	City/State									ax: 615-758-5859	PL CHICAGO
oject o 183 - 000	1			Collected: A	2		_						# 9075 A154	
none: 623-792-8722	Client Project #			Lab Project #			8000							LWYNGAZ
ollected by (print):	Site/Facility ID		0.349	P,O. #			7						Template:	LWINOAL
ollected by (signature):	Rush? (La		200%	Date f	Results Needed		Lea						Prelogin: TSR:	
mmediately Packed on Ice N X Y	Next Da	Charles and the second	50%	FAX? 🗶		No. of	otal					HERE SERVE	Cooler: Shipped Via:	t Sample # (lab only
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Entrs						1 y	Rem./Contaminar	0/
G24-1	Comp	55	0-1	5/3/17	0855	1	X							2
G30-1	1		0-1		0858	1	4	13.50						53
G25-1			0-1		0909	1	4	2000	100					04
G23-1			0-1		0910	1	×					1000		05
G16-4			3-4	1	0917	1	*	2 2000				1000		or
G26-1		2	0-1		0924	1	*		100				200	S
G15-4			3-4		0938	1	X	1 2000		8 3				00
027-1			0-1		0945	1	¥	2000				1100	200	09
G32-1			0-1		0956		×	1000						10
G22-1	1	11	0-1	1	1000	1	*	200	1 100			91		
Matrix: SS - Soil GW - Groundware	ater WW - Waste	Water DW	- Drinking W	ater OT - Other_		H			pH	Tem	4 73	Hold#		
Remarks: Relinquished by : (Signature)		Date:		Time:	Received by: (Sig	nature / 0	prince of the second		Samples re	Couri	er 🗆	Condition	(1	ab use only)
Relinquished by : (Signature)		55, Date:	-1-	150Z Time: 11800	Received by: (51)	gnature	7)	Temp: 0	°C Bo	ttles Received:	COC Seal	ALCOHOL: NAME OF TAXABLE PARTY.	y N NA
Relinquished by (Signature)	-	Date:	רוןט	Time:	Received for lab	by: (Sig	mature)		Date: 5-6-		me: 8145	pH Check	ed: N	ICF:

ompany Name/Address:	Billing Infor	rmation:		An	alysis / Co		Chain of Custody Page 2 of 3							
Allwyn Consultant	ts		Same									MA.	ECC	
2223 S 48th St. Suite A			100										4	
Tempe, AZ 85282									-		En-		L-A-B	-C-I-E-N-C-E-
		J. Park	18		-				-2011				12065 Lebanon	AB OF CHOICE
Report to:			Email To:		. 6 6-								Mount Juliet, Th Phone: 615-758	37122 5858
Holly Land		10000	LATINA D	City/State	CL C. COM		1		- 10				Phone: 800-767 Fax: 615-758-58	
Description: 0183-000		12.5	- 0		SE						ASS.		L# 9/1	7574
Phone: 623-792-8722	Client Project			Lab Project #			(9						(0	1311
Fax:	0183.	1000		F 7 19			(9010		746				Table #	
Collected by (print):	Site/Facility ID	н		P.O. #			3	68	100				Acctnum: A	LLWYNGAZ
Collected by (signature):	0	ab MUST Be	Matified	Date F	Results Needed		1						Template:	
	TAL MERCHANIST	ap MUST be		The Art The		1 80	Las						Prelogin:	
Immediately 1	Next D	ay ,	100%	The Company of the Co	_No <u>#</u> Yes	No.		100	10 mg				TSR: Cooler:	
Packed on Ice N X Y	Three I	Day	25%	FAX?	NoYes	of	10/10						Shipped Via:	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	12					In the	Rem/Contamin	
G14-4	Comp	55	3-4	5 3 17	1015	1	×	1816						1
G 28-1		1	0-1		1018	1	×	1990	1					p
G28-1 G31-1		60	0-1		1025	1	*							n
G13-4	1 21	100	3-4		1048	1	4							17
G21-1			0-1		1050	1	7			70			S AVE	15
G20-1			0-1		1110	1	×							16
G29-1		1	0-1		1111	1	4				- 1977	100		1
G12-4			3-4		1115	1							799	A
G18-1			0-1		1118	i	4							14
G19-1			0-1	11	1130	1	X							10
* Matrix: SS - Soil GW - Groundwat	er WW - WasteV	ater DW -	Drinking Wat	er OT - Other					рН	Te	emp			
Remarks:									Flow	Ot	ther	Hold#		
Relinquished by : (Signature)		Date:	100	Time: R	Received by: (Sig	nature)	va.	/ !	samples n		a: UPS	Conditi	on: (la	b use only) _1\
7624 -2		5/5/	17	1502	Emm	10-			☐ FedE	x 🗆 Cou	urier 🗆		0	10.
Relinquished by : (Signature)		Date:	. 7		leceived byr (Six	nature)	6)	Temp;		Bottles Received	f:	/	
mer lang		55	The state of	1800	JUNT	po-	1		715	State of the latest state	29	100000000000000000000000000000000000000	al Intact: Y	NNA
Relinquished by : (Signature)		Date:		Time:	teceived for lab	oy: (Sign:	ture		Date:	42 6	8:45	pH Che	cked: No	E.
		1			pul	1100000	V	2000	5-6-	4 4	0.75			

		_	Billing Inform	nation:					Analysis / Cont	ainer / Preser	vative		Chain of Custody	Page 3 of 3
ompany Name/Address: Allwyn Consultants			Sont			1							製土	SC
223 S 48th St. Suite A Tempe, AZ 85282													The state of the s	112 0 7 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
eport to:			Email To:	4									Phone: 615-758-585 Phone: 800-767-585	9 5000000
Holly Land			HLANDÓ	City/State	.c. com								Fax: 615-758-5859	
roject /					AZ		3						L#	907534
hone: 623-792-8722	Client Project #			Lab Project #			GOIDE						Table #	LWYNGAZ
ollected by (print): Holly Land	Site/Facility ID	#		P.O. #			tod (50			Template:	LWINGAL
collected by (signature):	Same D	ay	Be Notified)		Results Needed No ✓ Yes		Lex						Prelogin: TSR:	
mmediately	Next Do	ıy	100% 50% 25%	1.00	_NoYes	No.	Total					38	Cooler: Shipped Via:	
Packed on Ice N Y Sample ID	Comp/Grab	Matrix	• Depth	Date	Time	Cntrs	1				10		Rem./Contaminar	The second secon
GII-4	Comp	55	3-4	5/3/17	1145	1	X							71
G10-4	Comp	1	3-4		1220	1	×			100			1	77
G9-4	Comp		3-4		1235	1	×							74
BERM1-1-4	Grah		3-4		1300	1	×						_	26
BERM1-2-4	Grab		3-4		1310	1	×			021				24
BERM1-3-4	Grab		3-4		1318)	X							27
BERM2-1-4	Grab		3-4	V	1330	1	X			200				28
BERMO-2-4	Grab		3-4		1343	1	X						1730	25
BFRM2-3-4	Comb		3-4		1355	1	X				25 S		47.13.	
End of Rec		9			7							-		
* Matrix: SS - Soil GW - Groundwate	7	Water DV	W - Drinking W	ater OT - Other			9.		pH	Tem	V	Hold#		
Remarks:	Pile	- 1-	11	Time:	Received by: (Sig	gnature	- A		20-12	returned via:	□ UPS	Conditi	on: (I	ab use only)
Relinquished by (Signature)	/	Date:	5/12	1502	Received by: (Si	0		1	☐ Fed	ec °C Bo	ottles Received		4	~ 1
Relipquished by : (Signature)		1/	5/17	Time:	SWP)	(/	Z.) Date:		Z9 me:	COC Si	eal Intact:	YNNA
Relinquished by : (Signature))	Date		Time:	E	0	A		5-6	-17	8:45			

	ESC LAB SCIENCE	S		
	Cooler Receipt For	m		
Client:	ALLVENGA	SDG#	90755	9
Cooler Received/Opened On: 5/6/17		Temperature:	2.1	
Received By: Timiesha Scott				
Signature:	A			
9		NP	Yes	No
Receipt Check List		11 N. E. 11 C. S. S.	1	
COC Seal Present / Intact?	100	C. A.S. Alleged Charles of	/	Sandario di
COC Signed / Accurate?			1/	77
Bottles arrive intact?		The second second second	1	25-00 Jun 6
Correct bottles used?		Constant Property	1	WEST COOPS
Sufficient volume sent?				700
If Applicable				2000
VOA Zero headspace?		The state of the s	1000	-
Preservation Correct / Checked?				25.102.32



ANALYTICAL REPORT



Allwyn Consultants

L917155 Sample Delivery Group:

Samples Received: 06/20/2017

Project Number: 0183-0001

Description: 0183-0001

Report To: Holly Land

2223 South 48th Street, Suite A

Tempe, AZ 85282

Entire Report Reviewed By:

Dapline R Richards

Daphne Richards

Technical Service Representative Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	7
Sr: Sample Results	8
G17-4 L917155-01	8
G19-A-1 L917155-02	9
G19-A-4 L917155-03	10
G18-4 L917155-04	11
G20-4 L917155-05	12
G4-4 L917155-06	13
G29-4 L917155-07	14
G8-4 L917155-08	15
G7-4 L917155-09	16
G19-D-1 L917155-10	17
G19-D-4 L917155-11	18
G28-4 L917155-12	19
G19-E-1 L917155-13	20
G19-E-4 L917155-14	21
G19-I-1 L917155-15	22
G19-I-4 L917155-16	23
G19-H-1 L917155-17	24
G19-H-4 L917155-18	25
G19-F-1 L917155-19	26
G19-F-4 L917155-20	27
G19-C-1 L917155-21	28
G19-C-4 L917155-22	29
G19-G-1 L917155-23	30
G19-G-4 L917155-24	31
G19-B-1 L917155-25	32
G19-B-4 L917155-26	33
Qc: Quality Control Summary	34
Metals (ICP) by Method 6010C	34
GI: Glossary of Terms	36
Al: Accreditations & Locations	37





















Sc: Chain of Custody

38

ONIE		NATIONV	VIDE
UINE	LAD.	NATION	VIDE.

Received date/time

06/20/17 12:00

06/20/17 12:00

C17 4 L 0171FF 01 Colid			Collected by Holly Land	Collected date/time 06/15/17 05:45	Received date/time 06/20/17 12:00
G17-4 L917155-01 Solid					
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG992171	1	06/22/17 23:05	06/26/17 16:24	CCE
			Collected by	Collected date/time	Received date/time
G19-A-1 L917155-02 Solid			Holly Land	06/15/17 05:50	06/20/17 12:00
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG992171	1	06/22/17 23:05	06/26/17 17:08	CCE
			Collected by	Collected date/time	Received date/time
G19-A-4 L917155-03 Solid			Holly Land	06/15/17 06:00	06/20/17 12:00
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG992171	1	06/22/17 23:05	06/26/17 17:11	CCE

SAMPLE SUMMARY



Al

Ss

Cn

Sr

'Qc

GI

Holly Land Dilution Preparation Batch Analysis Analyst date/time date/time

Holly Land

Collected by

Collected date/time

06/15/17 06:04

06/15/17 06:15

06/26/17 17:14 Metals (ICP) by Method 6010C WG992171 06/22/17 23:05 CCE Received date/time Collected date/time Collected by

G20-4 L917155-05 Solid Method Batch Dilution Preparation Analysis Analyst date/time date/time

WG992171 CCE Metals (ICP) by Method 6010C 06/22/17 23:05 06/26/17 17:17 Received date/time Collected by Collected date/time

06/20/17 12:00 Holly Land 06/15/17 06:26 G4-4 L917155-06 Solid Method Batch Dilution Preparation Analysis Analyst date/time date/time 06/22/17 23:05 06/26/17 17:20 Metals (ICP) by Method 6010C WG992171 CCE

Received date/time Collected by Collected date/time 06/15/17 06:31 06/20/17 12:00 Holly Land G29-4 L917155-07 Solid Method Dilution Preparation Analysis Batch Analyst date/time date/time Metals (ICP) by Method 6010C WG992171 06/22/17 23:05 06/26/17 17:22 CCE 1 Received date/time Collected by Collected date/time 06/20/17 12:00 Holly Land 06/15/17 06:40 G8-4 L917155-08 Solid

Method Batch Dilution Preparation Analysis Analyst date/time date/time 06/22/17 23:05 Metals (ICP) by Method 6010C WG992171 06/26/17 17:25 CCE

G18-4 L917155-04 Solid

Method

ONE	LAB.	NATIONV

G7-4 L917155-09 Solid			Collected by Holly Land	Collected date/time 06/15/17 06:48	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992171	1	06/22/17 23:05	06/26/17 17:33	CCE
G19-D-1 L917155-10 Solid			Collected by Holly Land	Collected date/time 06/15/17 06:50	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992171	1	06/22/17 23:05	06/26/17 17:36	CCE
G19-D-4 L917155-11 Solid			Collected by Holly Land	Collected date/time 06/15/17 06:55	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992171	1	06/22/17 23:05	06/26/17 17:39	CCE
G28-4 L917155-12 Solid			Collected by Holly Land	Collected date/time 06/15/17 07:05	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 13:00	CCE
G19-E-1 L917155-13 Solid			Collected by Holly Land	Collected date/time 06/15/17 07:35	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 13:17	CCE

SAMPLE SUMMARY



G19-E-4 L917155-14 Solid

G19-I-1 L917155-15 Solid

G19-I-4 L917155-16 Solid

Metals (ICP) by Method 6010C

Metals (ICP) by Method 6010C

Metals (ICP) by Method 6010C

Method

Method

Method

Batch

Batch

Batch

WG992190

WG992190

WG992190

Collected by

Holly Land

Preparation

06/23/17 09:16

Collected by

Holly Land

Preparation

06/23/17 09:16

Collected by

Holly Land

Preparation

06/23/17 09:16

date/time

date/time

date/time

Dilution

Dilution

1

Dilution

















Received date/time

Analyst

CCE

Received date/time

Analyst

CCE

Received date/time

Analyst

CCE

06/20/17 12:00

06/20/17 12:00

06/20/17 12:00

Collected date/time

06/15/17 07:42

06/23/17 13:26

06/15/17 08:05

06/23/17 13:29

06/15/17 08:15

Analysis

date/time

06/23/17 13:32

Collected date/time

Analysis

date/time

Collected date/time

Analysis

date/time

SAMPLE SUMMARY

0115				
ONE	LAB.	NAI	ION	WIDE

			Collected by	Collected date/time	Received date/time
G19-H-1 L917155-17 Solid			Holly Land	06/15/17 08:22	06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 13:35	CCE
			Collected by	Collected date/time	Received date/time
G19-H-4 L917155-18 Solid			Holly Land	06/15/17 08:27	06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 13:38	CCE
G19-F-1 L917155-19 Solid			Collected by Holly Land	Collected date/time 06/15/17 08:30	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 13:41	CCE
G19-F-4 L917155-20 Solid			Collected by Holly Land	Collected date/time 06/15/17 08:40	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 13:44	CCE
G19-C-1 L917155-21 Solid			Collected by Holly Land	Collected date/time 06/15/17 08:46	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 13:47	CCE
G19-C-4 L917155-22 Solid			Collected by Holly Land	Collected date/time 06/15/17 08:50	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation	Analysis	Analyst
***************************************	2010.1	5		, 5.5	

WG992190

Batch

Batch

WG992190

WG992190





















Metals (ICP) by Method 6010C

Metals (ICP) by Method 6010C

Metals (ICP) by Method 6010C

Method

Method

G19-G-1 L917155-23 Solid

G19-G-4 L917155-24 Solid

date/time

06/23/17 09:16

Collected by

Holly Land

Preparation

06/23/17 09:16

Collected by

Holly Land

Preparation

06/23/17 09:16

date/time

date/time

Dilution

1

Dilution

date/time

06/23/17 13:50

06/15/17 08:52

06/23/17 13:53

06/15/17 08:55

Analysis

date/time

06/23/17 14:01

Collected date/time

Analysis

date/time

Collected date/time

CCE

Received date/time

Analyst

CCE

Received date/time

Analyst

CCE

06/20/17 12:00

06/20/17 12:00



G19-B-1 L917155-25 Solid			Collected by Holly Land	Collected date/time 06/15/17 09:07	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 14:04	CCE
G19-B-4 L917155-26 Solid			Collected by Holly Land	Collected date/time 06/15/17 09:10	Received date/time 06/20/17 12:00
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Metals (ICP) by Method 6010C	WG992190	1	06/23/17 09:16	06/23/17 14:07	CCE



















1

²Tc















All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the

Technical Service Representative

Japhne R Richards

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010C

Collected date/time: 06/15/17 05:45

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	116		0.500	1	06/26/2017 16:24	WG992171	



















G19-A-1

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 05:50

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	287		0.500	1	06/26/2017 17:08	WG992171



















G19-A-4

SAMPLE RESULTS - 03

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 06:00

L917155

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	298		0.500	1	06/26/2017 17:11	WG992171	



















G18-4

SAMPLE RESULTS - 04

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 06:04

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	129		0.500	1	06/26/2017 17:14	WG992171	



















G20-4

SAMPLE RESULTS - 05

ONE LAB. NATIONWIDE.

L917

Metals (ICP) by Method 6010C

Collected date/time: 06/15/17 06:15

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	222		0.500	1	06/26/2017 17:17	WG992171	



















G4-4

SAMPLE RESULTS - 06

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 06:26

L917155

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	174		0.500	1	06/26/2017 17:20	WG992171	



















G29-4

SAMPLE RESULTS - 07

ONE LAB. NATIONWIDE.

- O / ONE LAB. NATIONW

Collected date/time: 06/15/17 06:31 Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	135		0.500	1	06/26/2017 17:22	WG992171	



















G8-4

SAMPLE RESULTS - 08

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 06:40

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	239		0.500	1	06/26/2017 17:25	WG992171	



















SAMPLE RESULTS - 09

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 06:48

Metals (ICP) by Method	6010C					
	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	72.5		0.500	1	06/26/2017 17:33	WG992171



















G19-D-1

SAMPLE RESULTS - 10

ONE LAB. NATIONWIDE.

JL IS - IU ONE LAB. NATIOI

Collected date/time: 06/15/17 06:50 Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	224		0.500	1	06/26/2017 17:36	WG992171	



















G19-D-4

SAMPLE RESULTS - 11

ONE LAB. NATIONWIDE.

E. 🤚

Collected date/time: 06/15/17 06:55

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	249		0.500	1	06/26/2017 17:39	WG992171	



















G28-4

SAMPLE RESULTS - 12

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 07:05 Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	278	M1	0.500	1	06/23/2017 13:00	WG992190	



















G19-E-1

SAMPLE RESULTS - 13

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 07:35

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	553		0.500	1	06/23/2017 13:17	WG992190	



















G19-E-4

SAMPLE RESULTS - 14

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 07:42

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	965		0.500	1	06/23/2017 13:26	WG992190	



















G19-I-1

SAMPLE RESULTS - 15

TS - 15 ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:05 Metals (ICP) by Method 6010C

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	295		0.500	1	06/23/2017 13:29	WG992190	



















G19-I-4

SAMPLE RESULTS - 16

ONE LAB. NATIONWIDE.



	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	138		0.500	1	06/23/2017 13:32	WG992190	



















G19-H-1

SAMPLE RESULTS - 17

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:22

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	488		0.500	1	06/23/2017 13:35	WG992190



















G19-H-4

SAMPLE RESULTS - 18

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:27

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	343		0.500	1	06/23/2017 13:38	WG992190	



















G19-F-1

SAMPLE RESULTS - 19

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:30

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	892		0.500	1	06/23/2017 13:41	WG992190	



















G19-F-4

SAMPLE RESULTS - 20

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:40

L917155

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	507		0.500	1	06/23/2017 13:44	WG992190	



















G19-C-1

SAMPLE RESULTS - 21

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:46

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	1960		0.500	1	06/23/2017 13:47	WG992190	



















G19-C-4

SAMPLE RESULTS - 22

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:50

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Lead	1850		0.500	1	06/23/2017 13:50	WG992190	



















G19-G-1

SAMPLE RESULTS - 23

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:52

L917155

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	344		0.500	1	06/23/2017 13:53	WG992190	



















G19-G-4

SAMPLE RESULTS - 24

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 08:55

L917155

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Lead	531		0.500	1	06/23/2017 14:01	WG992190



















G19-B-1

SAMPLE RESULTS - 25

ONE LAB. NATIONWIDE.

Collected date/time: 06/15/17 09:07

L91715

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	603		0.500	1	06/23/2017 14:04	WG992190	



















G19-B-4

SAMPLE RESULTS - 26

ONE LAB. NATIONWIDE.

L917

Metals (ICP) by Method 6010C

Collected date/time: 06/15/17 09:10

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg		date / time		
Lead	586		0.500	1	06/23/2017 14:07	WG992190	



















QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010C

L917155-01,02,03,04,05,06,07,08,09,10,11

Method Blank (MB)

Lead

(MB) R3228794-16 06/26/17 16:16 MB Result MB Qualifier MB MDL Analyte mg/kg mg/kg

U

MB RDL

mg/kg

0.500

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

0.19

(LCS) R3228794-17 06/26/17 16:19 • (LCSD) R3228794-18 06/26/17 16:21

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Lead	100	98.6	98.9	99	99	80-120			0	20

L917155-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L917155-01 06/26/17 16:24 • (MS) R3228794-21 06/26/17 16:32 • (MSD) R3228794-22 06/26/17 16:35

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Lead	100	116	210	211	94	95	1	75-125			1	20



PAGE:

34 of 41

Ss

Cn

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Metals (ICP) by Method 6010C L917155-12,13,14,15,16,17,18,19,20,21,22,23,24,25,26

Method Blank (MB)

(MB) R3228300-1 06/23/17 12:51

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Lead	U		0.19	0.500





Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3228300-2 06/23/17 12:54 • (LCSD) R3228300-3 06/23/17 12:57

, ,	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
Lead	100	99.7	101	100	101	80-120			1	20	







(OS) | 917155-12 06/23/17 13:00 • (MS) R3228300-6 06/23/17 13:08 • (MSD) R3228300-7 06/23/17 13:11

(,	` '	Original Result		MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Lead	100	278	384	412	107	135	1	75-125		M1	7	20

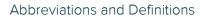






GLOSSARY OF TERMS





SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Rec.	Recovery.
Qualifier	Description
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.





















ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.*** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
lowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee 14	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crvpto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



















PAGE:

37 of 41

0.0			Billing Inforn	nation		-		Ar	nalysis / Contai	ner / Preserva	tive	C	nain of Custody	Page 1 of 3
Allwyn Consultants 2223 S 48th St. Suite A Tempe, AZ 85282	Ilwyn Consultants 223 S 48th St. Suite A empe, AZ 85282			ne.								1000		SC INC. N. C. E. S
Holly Land	100		Email To:	aauwyn City/State Collected: A7		2	(6010B)					N P P	fount Juliet, TN 3712 hone: 615-758-5858 hone: 800-767-5859 ax: 615-758-5859	
Description: 0\83-00 Phone: 623-792-8722	Client Project #			Lab Project #		1	(60						A01	
Fax:Collected by (print): Holly Land	0183- Site/Facility ID	000	1	P.O. #			ead					Shirt B	Acctnum: ALL Template:	WYNGAZ
Collected by (agnature).	Rush? (U	ayry	Notified) 200% 100% 50% 25%	STD Email?	AND Yes	No. of	otal L						Prelogin: TSR: Cooler: Shipped Via:	
Sample ID	Comp/Grah	Matrix *	Depth	Date	Time	Cntrs	F						Rem./Contaminant	Sample # (lab only)
G17-4	Comp	55	3-4	6/15/17	0545	1	X						Laborator Co.	- 01
G19-A-1	Comp	55	0-1	6/15/17	0550	1	X	150						- 03
G19-A-4	Comp	55	3-4	6/15/17	0600	1	X	-					is their	- 04
318-4	Comp	55	34	6/15/17	0604	1	X	- 158	65				1000	- 95
G20-4	Comp	55	3-4	6/15/17	0615	1	X							. 06
G4-4	Comp	55	3-4	6/15/17	10	1	X						=====	_01
G29-4	Comp	SS	3-4	6/15/17	0631	1	×							- 58
G8-4	Comp	55	3-4	6/15/17	0640	1	X	- 100	100					, 4
G7-4	Comp	55	3-4	6/15/17		1	*	88	100	20 B				- 10
G19-D-1	Comp	155	0-1	6/15/17	0650	11	1	1000			300		1000	
• Matrix: 55 - Soil GW - Groundwat		Water DW -	Drinking Wat	ter OT - Other					pH	Temp Other _		Hold#		
Remarks: Relinquished by (Sjenature)		Date:	/17	1524	Received by: (Sig	Z	4		☐ FedEx	urned via:	- SV	Condition:	(lab	use only)
Relinquished by (Signature)		10 C/10	1/17	1800	SWA SING		-		Temp:		es Received: 26	COC Seal		N _NA
Relinquished by (Signature)		Date:		Time:	Received for lab	PA SA	piture)		Date: 6/26	17	1200			

ompany Name/Address:			Billing Infor	mation:		18		Analysi	s / Contain	er / Preservative	Cha	n of Custody	Page 2 of 3
Allwyn Consultants			Sam			3	510				1	MA I	CC
			Lari	10					STATE OF			大上	
223 S 48th St. Suite A empe, AZ 85282									3				- I - E - N - C - E - S
											1000	55 Lebanon Rd	OF CHOICE
eport to:			Email To:					TO US	1505		Pho	int Juliet, TN 371 ne: 615-758-5851	377613
Holly Land		_	HLAND	City/State	ILLC.Can	2	OB					ne: 800-767-5859 615-758-5859	
rescription: 0183-000					AZ.	3.	-				LH	191-	IKE
hone: 623-792-8722	Client Project #			Lab Project #			09		50			1	MIZ
ox:	0183-	1000				颖,)			1 186		ole# A	012
offected by (print):	Site/Facility ID	#		P.O. #	1723		ad	100					WYNGAZ
Holly Land				Date R	esults Needed		60					mplate:	
ollected thy (signature):	Rush? (Li Same D	ab MUST Re	Notified)200%	STD	JA7			337	- 65		ts ts	logio:	A SHEET SHEET
fall Land	Next Da	ay	50%	10 10 10 10 10 10 10 10 10 10 10 10 10 1	_No XYes	No.	0				100	oler:	
racked on Ice N X Y	Three D		25%	FAX? X	NoYes	of	Tota				Sh	ipped Via:	
Sample ID	Comp/Grab	Matrix *	Pepth	Date	Time	Cntrs	2.57			1000	Re	m./Contaminant	Sample # (lab only)
G19-D-4	Comp	55	3-4	6/15/17	0655	1	X					-	-11
128-4	Comp	55	3-4	6/15/17	0705	1	X						-12
919-E-1	Comp	55	0-1	6/15/17	0735	1	X		318				-13
C19-E-4	Comp	55	3-4	6/15/17	0742	1	X						-14
19-I-I	Comp	55	0-1	6/15/17	100	1	X						11
19-T-4	Comp	55	3-4	The second second	0815	1	X					10	-16
219-4-1	10	55	0-1	6/15/17	0822	1	X	200					1)
10 H-4	Comp	35	3-4	6/15/17	0827	1	×		SELECTION OF THE PERSON OF THE				-19
719 E 1	Comp	55	0-1	6/15/17	0.000	1	X						419
C19-F-4	Comp	55	3-4	6/15/17	0840	1	X						- 20
GIIII			10	0 = 1 1 5 =	10310	1		pH		Temp			
Matrix: SS - Soil GW - Groundwater	WW - WasteV	Vater DW -	Drinking Wa	ter OT - Other	13-5			-		ASSESSED TO SERVICE STATE OF THE PARTY OF TH	Hold#		
Remarks:			1 2							Other	Conditions	(lab	use only)
Relinquished by (Senature)	0	Date:	/_	Time: 150(1	Received by: (Sign	nature)	11			Courier SW			2/4
Relinquished by (Signature)	1	0/9/ Date:	17	Time:	Received by Sig	nature)	· la		mp:	°C Bottles Received:			
lange Ma	_	6/19	1/17	1800	SWA.	79		1303690	3.6	26	COC Seal Inta	-	N _NA
Relinquished by (Signature)	A.	Date:	THE STATE OF THE S	Time:	Received for ab I	by: (5°9)	harfre)	Dat	tp:/	/ Time:	pH Checked:	NCF	
1					Inc	1	77	10	1/20	17 1600			

7.77			Billing Inform	mation:					Analysis / (Container/	Preservative		Chain	of Custody	Page 3 of 3
ompany Name/Address: Allwyn Consultan	ts		Sam			1							3	F	SC
223 S 48th St. Suite A empe, AZ 85282						N. Co.	4 1						L-A-	8 S-C	I.E.N.C.E.S
empe, AZ 65262						1							120651	Lebanon Rd	© 200 E
Holly Land			Email To:	DOALLWYA	LLC. COM	n							Phone:	Juliet, TN 3712 615-758-5858 800-767-5859	37%
roject	1			City/State	AZ	1	B						170	5-758-5859	7/55
hone: 623-792-8722	Client Project	1	-4 1724	Lab Project #	116	1	(6010B)					665	L#	1	1122
ax: ——	0183	3-000	1		1.3217	费	9)						Table	170	115
ollected by (print):	Site/Facility ID	4		P.O. #			ead						Acctr		WYNGAZ
Holly Land ollected by (signature):	Rush? (L	ab MUST Be	Notified)		esults Needed		e	五牙屬					Prelo	gin:	
Mile Z	Same (Next D Two Da	ay Iy	200% 50% 50%	Vez. (1920) 200 (1930)	No Yes	No.	Total						TSR:	er:	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	10							ped Via: /Contaminant	Sample # (lab only)
C19-C-1	Comp	35	0-1	6/15/17	0846	1	X								-21
C19-C-4	Comp	55	34	6/15/17	0850	1	X							7.54	- 11
919-G-1	Comp	55	0-1	6/15/17	0852	1	X							200	- 15 Au
G19-G-4	Como	55	3-4	6/15/17	0855	1	X					- 100			- 24 - L
G19-B-1	Comp	55	0-1	6/15/17	0907	1	X			10 E R R R	80000	100			- 26
G19-B-4	Comp	55	3-4	6/15/17	0910	1	X			15000	700				_ 50
End					100	1		1	8						
Cha	Reco	,													
100	Land	Cot -		112							1990	- 100			
* Matrix: SS - Soil GW - Groundwa	stor MAN - Wastal	Nater DW -	Orinking Wat	ter OT - Other					рН		Temp		-		
* Matrix: SS - Soil GW - Groundwa Remarks:	ire: AAAA - AAGSTES	Julia Dire							Flow_		Other		Hold#		
Relinquished by (8) (nature)		Date: /	1		Received by: (Sig	* HIE	11	1	1000000		via: UPS Courier U_	CWI	Condition:	(lab	use only)
THAN =	1	6/19	117	1524 Time:	Com		1	en	Temp:	72.5	Bottles Rece	ived:			ok
Relinquished by (Signature)		Cel 19	117	1800	SUA		M.	4	3	6			COC Seal Intact		N_NA
Relinquished by (Signature)	19	Date:		Time:	Received for lab	by: (Sig	malture)		Date	. 0/1	Time:	0	pH Checked:	NCF	
	- 1	A Re	100		12	10	1		18/1	10/10	1 100			-	

ESC LAB	SCIENCES		
	ceipt Form		
Client: ALL WYN GAZ	SDG#		700
Gooler Received/Opened On: 06/ 20/2017	3.6 Temperature		
Received By: Keith Hargis	the state of the s		
Signature: /// //		300	
Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	百分 丁		
COC Signed / Accurate?	of the second section is a second second	N	er lesses
Bottles arrive intact?	1 - 1 - 1 - 1 - 1 - 1 - 1		97.75
Correct bottles used?	THE STATE OF THE STATE OF THE	-400	Dan 121 - 4
Sufficient volume sent?	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	
If Applicable			MS U.S.
VOA Zero headspace?			
Preservation Correct / Checked?			