Geotechnical
Environmental
Water Resources
Ecological

February 24, 2014 Project No. 1323080

Mr. Michael Friend, P.E.
Staff Engineer III
Special Projects Branch
Bureau of Corrective Actions
Nevada Division of Environmental Protection
2030 East Flamingo Road, Suite 230
Las Vegas, Nevada 89119

Re: Titanium Metals Corporation
Henderson, Nevada Facility
NDEP Facility ID # 000537
Soil Management Plan, Slurry Wall/Northern Property

Dear Mr. Friend:

An electronic copy of the above-captioned Soil Management Plan has been transmitted via e-mail for your consideration prior to our scheduled meeting on Thursday February 27, 2014 at the TIMET Facility in Henderson, Nevada. We are also sending you a printed version of the oversized figures and drawings via overnight mail for delivery Tuesday, February 25, 2014.

If you have any questions regarding this submittal, please do not hesitate to contact the undersigned at (716) 204-7158 (email: kmcintosh@geiconsultants.com) or Mr. Richard Pfarrer of TIMET at (702) 566-4453 (email: Richard.Pfarrer@Timet.com).

Sincerely,

GEI Consultants, Inc.

Kelly R. McIntosh, Ph.D., EM-2199 (exp. 9/24/15)
Senior Consultant

cc: Richard Pfarrer – TIMET, hard copy and electronic copy
Richard Truax – GEI, electronic copy
JD Dotchin, Nevada Division of Environmental Protection, Las Vegas, Nevada, electronic copy

Soil Management Plan
Slurry Wall/Northern Property

Titanium Metals Corporation
Henderson, Nevada

Submitted to:
Titanium Metals Corporation
Henderson, New York

Submitted by:
GEI Consultants, Inc.
90B John Muir Drive, Suite 104
Amherst, NY 14228

February 2014----

Project 1323080

JURAT

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances.

For the services provided and attested to with this Jurat including preparation of the Soil Management Plan covering the northern portion of the TIMET property.

GEI CONSULTANTS, INC.

Kelly R. McIntosh
Senior Consultant
Nevada Certified Environmental Manager
EM No. 2199; Expires September 24, 2015

Date Signed: February 24, 2014

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1. Introduction

GEI Consultants (GEI) has been retained by Titanium Metals Corporation (TIMET) to prepare this Soil Management Plan for the northern portion of the TIMET facility in Henderson, Nevada (Figure 1). This Soil Management Plan covers the entirety of the property containing the groundwater remediation components (slurry wall, injection trenches, extraction wells, lift station and associated piping, utility trenches and a new water holding pond) as well as property in the vicinity of these structures.

1.1 Background and Objective

NDEP issued a Record of Decision (ROD) in February 2009 stipulating installation of a slurry wall coupled with a groundwater pumping system to extract and treat groundwater in the first water-bearing zone WBZ. The construction of the groundwater remediation components began in late 2013 and is scheduled to be substantially complete during March 2014.

The construction of the groundwater remediation system necessitated a large amount of excavation and earthwork including relocation of relatively unimpacted soils generated as part of the slurry wall construction. A post-construction grading plan was required by Clark County in order to obtain permits to construct the system. This Soil Management Plan presents the final site grades and a cover system installed to:

1. Prevent erosion (via wind and water) of soils from the property
2. Prevent (uncontrolled) direct contact with these soils
3. Limit infiltration
4. Comply with the Clark County-approved post-construction grading plan

1.2 Relationship to the Site Management Plan

Site-wide supplemental investigations of environmental impacts to soils, current and historic drainage ways sediments, and pond sediments have been conducted concurrent with the construction of the groundwater remediation system. These investigations will culminate in a Site-Wide Conceptual Site Model (CSM) Report scheduled for submittal June 2014. The CSM Report will include recommendations for additional work to investigate, remediate or control exposure to impacted soil and sediment at the site. At a minimum, these recommendations will include a provision for developing a Site Management Plan (SMP). The SMP will address any special precautions or procedures to be followed when disturbing soil beneath the cover systems described herein.

1.3 Soil Management Areas

For the purposes of this Soil Management Plan, the covered portion of the property is considered in nine distinct areas. These Soil Management Areas are identified below and are located as shown on Drawing C-1:

1.3.1 Area 1

Area 1 is shown on the attached figure and represents the northwest portion of the slurry wall construction pad. For the proper control of slurry during construction, clean soils were hauled in from off-site to prepare a working platform. During wall construction excess soils were generated by the excavation of the slurry wall trench and the mixing of bentonite with the soils. The working pad will need to be cut down to final site grades to allow controlled drainage in accordance with the County-approved grading plan. Excess soils generated from excavation of the slurry wall, utility trenches, and injection trenches will need to be incorporated into the site grading.

1.3.2 Area 2

Area 2 encompasses the northwestern most portion of the area of the site referred to as the "Northern Storage Area". During the construction of the slurry wall and follow-up soil grading, no off-site runoff is allowed before placement of a final cover soil system. The existing grades in Area 2 provide a retention area for runoff during construction. Following construction this area will be re-graded such that it no longer retains runoff.

1.3.3 Area 3

Area 3 encompasses the central portion of the Northern Storage Area. This area is designated for management of anticipated excess construction soils from adjacent construction. As with Area 2, the western portion of Area 3 will be maintained as long as practical for storm water management during the construction activities.

1.3.4 Area 4

Area 4 encompasses the southern portion of the Northern Storage Area. This area is designated for management of anticipated construction soils from the slurry wall, utility and injection trench construction. This area starts immediately north of the existing site ponds.

1.3.5 Area 5

Area 5 is a small portion of the site that includes the Alpha discharge pipe, the stilling basin, the air stripper equipment location, the portion of the site previously referred to as Francy's Mountain, and several drainage ditches. Prior to slurry wall and utility construction in this area, soils in the vicinity of the original Francy's Mountain footprint were excavated and disposed of off-site. This excavation and the design for the slurry wall working pad required the hauling and placement of off-site soils to provide a proper grade for the wall. This area is designated to facilitate the slurry wall, groundwater extraction and conveyance, protect existing utilities, provide a pad for the air stripper, protect the BMI sewer and provide a final site drainage channel that discharges to the northeast.

1.3.6 Area 6

Area 6 encompasses the portion of the site referred to as The Boneyard. Most of this area will be converted into a future holding pond referred to as GW-1. This area was the location of modular tanks for HP-1 cleaning and was used for the slurry production and staging during the slurry wall construction.

1.3.7 Area 7

Area 7 consists of the northern slopes of ponds HP-6 and SW-1, the western slopes of SW-1 and HP-1, and the site western drainage ditch (also referred to as the "Mystery Ditch").

1.3.8 Area 8

Area 8 encompasses the area south of the BMI sewer line (southern limit of Area 5), west of the perimeter fence, north of the Gate 9 entrance road, and east of the road adjacent to the J-2 landfill.

1.3.9 Area 9

Area 9 is located in the vicinity of the existing Water Conservation Facility (WCF) and encompasses the area immediately north of the WCF and south of HP-1.

2. Preliminary (Unvalidated) Results of Supplemental Investigations

The Supplemental Investigations are being conducted in accordance with the Conceptual Site Model Supplemental Investigations Work Plan prepared by GEI and dated December 2, 2013. While not all analytical results from the soil sampling efforts have been received from the analytical laboratory as of the date of this Soil Management Plan, GEI has received preliminary results for more than 80% of the samples.

CAVEAT

The data presented herein have not been validated and are submitted and discussed in this Soil Management Plan only to provide an indication of the chemical presence in soils to be covered by the Slurry Wall/Northern Property cover system. These data will be validated, included and interpreted in the CSM Report scheduled for submittal to NDEP in June 2014.

2.1 Preliminary Supplemental CSM Investigation Results

The preliminary results of the soil sampling are tabulated in Appendix A.

2.2 Comparison with Basic Comparison Levels

Tables 1 through 3 present a summary of all Supplemental CSM samples exceeding the NDEP Basic Comparison Level (BCL) for an Industrial Outdoor Worker exposure scenario. Figures 2 through 5 present mapped results as follows:

- Figure 2: PCB 209 and total PCBs
- Figure 3: Dioxins expressed as total TCDD Toxic Equivalence (TEQ)
- Figure 4: Gross alpha and gross beta radiation
- Figure 5: Thorium 228, radium 226 and radium 228
- Figure 6: Chromium, magnesium and niobium

As shown on Table 1, three radionuclides, thorium 228, radium 226 and radium 228, routinely exceed the NDEP BCL for Industrial Outdoor Worker in site soils. The distributions of these radioisotopes are shown on Figure 5. The CSM Report will include an evaluation of the extent to which the presence of these chemicals is related to site activities versus naturally occurring conditions in site soils.

For total PCBs, the BCL for Industrial Outdoor Worker were exceeded for at 12 Supplemental CSM sample locations (Table 2). Ten of these were located in pond areas (3 exceedances in samples from SW-1, 4 exceedances in samples from beneath the liner of HP-1, 1 exceedance adjacent to HP-1, and 2 exceedances in the CSD ponds). The BCL for total PCBs was exceeded in only one Supplemental CSM soil sample location covered by this Soil Management Plan (1.6 mg/kg measured in drainage ditch sample DD-B-4). As indicated in Appendix B, the BCL for total PCBs was exceeded in 5 Beta Ditch confirmation samples. The largest of these concentrations (6.28 mg/kg at BD-3) was subsequently removed and disposed off-site in a follow-up targeted excavation of the BD-3 sample location and surrounding soils. Figure 2 shows all results for total PCBs and congener PCB-209. The CSM Report will evaluate whether the presence of these chemicals is potentially site related.

The BCL for dioxin/furan/PCB congener TEQ was exceeded at one Supplemental CSM sample soil sample location NS-SS-1 located in the north corner of Area 1 (Figure 3). As indicated in Appendix B, the BCL for total TEQ was exceeded in 9 Beta Ditch confirmation samples. The largest of these TEQ concentrations (96452 pg/g at BD-3) was subsequently removed and disposed off-site in a follow-up targeted excavation of the BD-3 sample location and surrounding soils. Figure 3 shows all results for total TEQ. The CSM Report will evaluate whether the presence of these chemicals is potentially site related.

Metals exceedances of the BCLs for Industrial Outdoor Worker are listed on Table 3 for the Supplemental CSM sample locations. Total chromium exceeded the hexavalent chromium BCL at one location (P-B-10). Magnesium exceeded the BCL at one location (NS-SS-3). Niobium exceeded the BCL at 6 locations (DD-B-4, FM-SS-3, J2-SS-1, NS-B-2, NS-SS-2 and FM-B-2). Of these, the “FM-“designated sample locations have been excavated and disposed off-Site. The CSM Report will evaluate whether the presence of these metals is potentially site related.

3. Grading and Cover System Design

3.1 Cover Design Elements

3.1.1 Clean Cover System

In areas that will not be further developed as ditches, pond exterior slopes, pond base liners and equipment pads are proposed to receive a clean cover system. The clean cover system is proposed as a geosynthetic clay liner, 6 to 12-inches of soils and a gravel wear surface. The individual components are shown on the attached drawings and details. Material specifications have been attached also.

The cover system components include the following:

Geosynthetic Clay Liner(GCL): The GCL is proposed as a composite of non-woven geotextile and bentonite which is glued and needle punched into one layer of material. The non-woven geotextiles provide retention of the bentonite in the composite structure and creates an interface friction with adjacent soils sufficient for stability. The composite unit weight is 0.75 pounds per square foot. Placement of the GCL on a prepared subgrade will minimize construction damage. Stability calculations have been performed for the use of the GCL on pond slopes and to allow access for cover soil placement.

6 inch minimum Sand Cover Layer: The GCL will be covered with a 6 inch minimum sand layer. This layer will protect the GCL and create a seepage zone for infiltration to flow horizontally to the ditches. The use of sand over the GCL provides compression for restricting the bentonite swell and also creates a filter to retain the bentonite in addition to the GCL geotextile. The sand layer will retain some moisture following precipitation events that will help maintain a low level of hydration in the GCL. Under prolonged dry periods, the sand is anticipated to dry to the full depth of the soil.

6 inch minimum Gravel or Wear Surface: The sand layer will be covered with a medium sized gravel such as Type II stone or asphalt regrind, depending on the specific area. In open areas that are only going to be trafficked occasionally, the final layer will be approximately 6-inches of gravel. The gravel will minimize wind erosion, control fugitive dust and minimize water erosion on the final surface. Six inches is sufficient to provide general small vehicle access to all the wells and utilities in the covered area. Maintenance and security roads will be thickened to allow access with large maintenance trucks or fork lifts. These roads are anticipated at 12 to 15 inches of gravel. In areas such as the storage location near Gate 9 or for access roads, TIMET may use regrind asphalt chips for the wear surface. The thickness of the regrind will be

dependent on the area use and asphalt chip condition. Generally the thickness will be 12 to 15 inches.

The proposed cover system components were selected and designed to perform the following functions:

- GCL will limit potential infiltration.
- GCL will provide a positive indication of a change in soil
- GCL will strengthen the subgrade for road areas to minimize rutting
- Sand cover will provide a protective layer over the GCL during construction and long term
- Sand layer will promote horizontal transmission of infiltration to the ditches
- Sand layer will retain some moisture and help hydrate the GCL
- Gravel layer will minimize dust from the open areas and roads.
- Gravel layer will support traffic during all weather conditions to the groundwater system and wells
- Gravel layer will minimize wind erosion
- Gravel layer will minimize surface water erosion (rills)

3.1.2 Ponds and Functional Drainage Ways

On the exterior slopes of the ponds, the final surface of gravel will be replaced with a small rip-rap size stone to further protect the slope from surface water erosion. This will minimize long term maintenance and exposure to the GCL layer. The use of rip rap in the ditches will also minimize erosion of site soils. The sand/gravel layers above the rip-rap will be sized to be retained under the proposed rip rap. This will assist to maintain the proper ditch shape and cross-section.

The exterior slopes of the ponds will be graded and filled to a grade of approximately 2.5:1 and then smooth drum rolled. An anchor trench will be excavated at the crest of the slope will be excavated. The GCL will be deployed over the slopes and secured in the anchor trench at the top and the shallow trench at the bottom. A layer of Type 2 stone will be placed over the GCL with a light weight dozer and then rip rap will be placed with an excavator. The cover materials will be placed from the bottom of the slope first and worked upslope.

The drainage ditches will be excavated to the design subgrade elevations and compacted to prepare a firm soil condition. The GCL will be deployed over the smooth drum rolled soil surface and over-lapped in a downstream direction. A layer of clean sand will be placed over the GCL and then a layer of Type 2 aggregate. Then a layer of the rip rap will be placed to the line and grade of the channel.

3.2 Area-Specific Cover Plans

The re-grading area covered by this Soil Management Plan is approximately 25 acres (in addition to the pond area and equipment pad area). The net cut and fill summaries presented below indicate that all the anticipated soils being generated by cuts can be managed onsite to establish a final subgrade for installation of a clean cover system.

3.2.1 Area 1

The excess soils generated by construction in this area include the excess from the slurry wall, excavation of utility trenches, and excavation of the UIC trenches. These soil quantities are shown on Drawing C-1 and are anticipated to be moved into Areas 3 and 4 as fill. After the slurry wall is constructed, the working and mixing pad will be excavated to final grade for the site. Area 1 is shown on Drawing C-1 as two sub-areas 1a and 1b due to the anticipated construction. In Sub-Area 1a, the slurry pad was excavated in preparation of the installation of extraction wells EW-QAL 1through 5 and the UIC trenches. The excavated soils were moved into Area 3 to allow access for the drill rig and utility construction. Sub-Area 1b has similar construction associated with the slurry wall and working pad.

Based on a comparison of the slurry wall pad design grades to proposed final site grades, the cut and fill quantities for this area are as follows:

- Sub-Area 1a 3000 cy cut 4900 cy fill
- Sub-Area 1b 10,200 cy cut 200 cy fill

Excess cut from Sub-Area 1b is anticipated to be moved into Sub-Area 1a and Area 2 during final grading.

The grading and cover plan for Area 1 is shown on Drawing C-1.

3.2.2 Area 2

This area quantities are as follows:

- Area 2 100 cy cut 8600 cy fill

The grading and cover plan for Area 2 is shown on Drawing C-1.

The required fill for this area is anticipated to come from Area 1b and potentially the excavated soils from the UIC trenches.

3.2.3 Area 3

The Area 3 quantities are as follows:

- Area 3 700 cy cut 7300 cy fill

Excess soils from UIC trench excavations, utility trenches, and excess slurry wall soils are anticipated to be placed here to achieve the required fill. The grades in Area 3 may be adjusted up or down to match the soil quantities as long as the drainage directions are maintained.

The grading and cover plan for Area 3 is shown on Drawing C-1.

3.2.4 Area 4

The grading in Area 4 was designed to match the anticipated design grades for the exterior of the existing site ponds HP-6 and SW-1. Placing excess site construction soils in this area allows grading and the start of clean cover construction. This area quantities are as follows:

- Area 4 1000 cy cut 6400 cy fill

Excess soils from the slurry wall and Area 5 are anticipated to be moved to Area 4 to achieve the design grades. The grades in Area 4 may be adjusted up or down to match the soil quantities as long as the drainage directions are maintained.

The grading and cover plan for Area 4 is shown on Drawing C-1.

3.2.5 Area 5

This area was designed to facilitate the slurry wall, groundwater extraction and conveyance, protect existing utilities, provide a pad for the air stripper, protect the BMI sewer and provide a final site drainage channel that discharges to the northeast. The drainage channel is critical to overall site storm water management in accordance with the site drainage study. The slurry wall working pad and mixing pad in this area is being constructed with a dynamic design to match existing field conditions and that will result in potential changes in final quantities. This area quantities are as follows:

- Area 5 8700 cy cut 2400 cy fill

The excess cut from this area is primarily due to the excavation of the final drainage channel and the soils are anticipated to be moved into Areas 4 and 7. Soil was removed during the excavation of Francy's Mountain and the calculated cut quantity is anticipated to be reduced by the associated volume of off-site disposal. In addition, the slurry wall working pad is anticipated to be constructed lower than the original design, therefore the cut quantity may be reduce further.

The grading and cover plan for Area 5 is shown on Drawing C-1.

3.2.6 Area 6

The future pond (GW-1) in Area 6 is intended to match the berm height of HP-6 and the interior surface will have a double geomembrane liner system with a leak detection layer. The excavated soils will primarily be used for construction of the GW-1 pond berms. The top and exterior slopes will include the proposed clean cover described later in this document. The exterior slope will have a rock surface to minimize future erosion and maintenance. This area quantities area as follows:

- Area 6 36,400 cy cut 17,100 cy fill

The excess cut from Area 6 is anticipated to be used in Area 7 for berm construction and potentially in Area 9 as pond and structural fill depending on soil geotechnical properties.

The grading and cover plan for Area 6 is shown on Drawing C-1.

3.2.7 Area 7

Area 7 consists of the northern slopes of ponds HP-6 and SW-1, the western slopes of SW-1 and HP-1, and the site western drainage ditch (also referred to as the "Mystery Ditch"). Construction is anticipated to include the placement of soil from Areas 5 or 6 on the exterior slopes to flatten the slope to a 2.5 horizontal to 1 vertical. This will be performed with maintaining a top width on the pond exterior berms sufficient for maintenance vehicles. The finished slopes are anticipated to have a geosynthetic clay liner over the prepared subgrade, 6 to 12 inches of natural soils and a rock armoring surface. The western site drainage ditch will have a base width and depth to carry the drainage to the northern area west ditch. The ditch will be over excavated to allow the placement of a geosynthetic clay liner, a 6 to 12 inch natural soil layer and the ditch rip-rap surface. The soils excavated from the western ditch are proposed to be used on the west slope flattening for HP-1 and SW-1. The area quantities are as follows:

- Area 7 1500 cy cut 5800 cy fill

The fill quantity does not include the soil fill over the GCL or the rip-rap.

The grading and cover plan for Area 7 is shown on Drawing C-1.

3.2.8 Area 8

This area will be sloped to drain to the east site ditch and will be surfaced with gravel or regrind asphalt to allow continued use of the area for equipment storage and roll-off box transfers. Several power poles are within this area and are to be replaced during the groundwater system construction. The existing chain link fence will be removed during initial grading. The grading is also intended to provide slightly more fill over the cooling water discharge pipe and other utilities adjacent to the road. The area quantities are as follows:

- Area 8 7000 cy cut 8400 cy fill

The fill soils for this area are anticipated to be from Areas 5 or 6.

The grading and cover plan for Area 8 is shown on Drawing C-1.

3.2.9 Area 9

Preliminary designs for the WCF-3 and future waste water process equipment pads have been completed for the area immediately north of the WCF and south of HP-1. Drawing C-1 shows the proposed grading plans for the WCF and stormwater ponds, plus the proposed location of the crystallizer pad. Since the area is predominantly a low spot at this time, this area will require substantial structural fill. The fill for the WCF-3 pond side slopes has a lesser structural requirement than the concrete pad area for the crystallizer. Therefore use of site soils is anticipated in the WCF-3 foot print. This area will be covered by the double geomembrane liner system for the pond. The pond liner system will include a geonet leak detection layer. The equipment pad area currently has structural fill from the construction of the concrete pad for the HP-1 cleaning. The concrete pad will be removed and the remainder of the area will have structural fill added before the new crystallizer and spent caustic treatment equipment pads are poured.

The area quantities are as follows:

- Area 9 5000 cy cut 8800 cy fill

If site soils are used in this area they will likely come from the excess from Area 6.

3.2.10 Other Soils

During construction of the slurrywall and the groundwater extraction system, additional cut soils are anticipated. These soils are described below with the anticipated placement location.

Slurry wall excess soils- The soil cuts from Areas 1a, 1b, and 5 include removal of some or all of the construction pad being built for the installation of the slurrywall. In addition to the presented cuts and fills, excess soil will be generated when the trench is excavated. Most of the soils from the trench will be mixed with slurry and additional bentonite and place back into the trench, however due to bulking some will not. If the excess mixed soil is not excessively wet, it will be hauled into Areas 3 and 4 and used as fill.

UIC trenches- The UIC trenches will be excavated and then backfilled with pea gravel. The excess soils generated by the backfill replacement will be moved into Areas 2 and 3.

Utility Trenches- Numerous utility trenches will be excavated throughout the extraction system length. Some of the trenching will be for piping and some for power and control wires/conduits. After utility installation the trenches will be backfilled with clean granular fill. The excess soils from utility trenching will be moved to Areas 3 and 4.

Ditches- Following completion of the initial site grading and the start of clean cover placement, site drainage ditches will be established. Excess cut from the ditches will be moved into Areas 4 and 5.

During the excavation of these items, any soil that is deemed unusable by the contractor or TIMET will be disposed of off-site with proper documentation.

3.2.11 Summary

The Soil Management Plan provides a summary of where site soils may be moved to during construction and present the final grades anticipated. During the course of construction, conditions may change and off-site soil disposal may be utilized for soils that do not meet the geotechnical requirements for the designated areas. The full extent of the disturbed areas or potentially impacted site soils is intended to receive a clean soil cover with this project for the areas shown on Drawing C-1. Miscellaneous small areas may have minor changes due to construction access or other site requirements and these items will be documented as construction proceeds. Several of the construction projects will require additional agency approvals prior to construction and it is recognized that some of the aspects of this plan may be altered.

As presented, the anticipated excess soils generated during construction may be fully utilized onsite to achieve final site grades and slopes.

Tables

Table 1. Radio Nuclide Exceedances
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn
		Location	BY-SS-3	BY-SS-3	DD-B-1	DD-B-1	DD-B-4	DD-B-4	DD-B-8	DD-B-8	DD-B-9	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2
		Sample Name	BY-SS-3_SS	BY-SS-3_SS DUP	DD-B-1_SS	DD-B-1_SUB	DD-B-4_SS	DD-B-4_SUB	DD-B-8_SS	DD-B-8_SUB	DD-B-9_SS	DD-B-9_SUB	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS
		Start Depth	0	0	0	10	0	5.5	0	10	0	10	0	0	0
		End Depth	0.5	0.5	0.5	15	0.5	10.5	0.5	15	0.5	15	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/14/2013	11/14/2013	12/2/2013	12/2/2013	12/4/2013	12/4/2013	12/3/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013
		Parent Sample		BY-SS-3_SS_11/20/13										FM-SS-1_SS_11/20/13	
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL													
Thorium-228	pCi/g	**0.025**	**1.54**	**1.96**	**1.77**	**1.52**	**1.9**	**1.31**	**1.97**	**1.56**	**1.65**	**1.59**	**1.96**	**1.84**	**1.74**
Thorium-230	pCi/g	**8.3**	--	--	--	--	--	--	--	--	--	--	--	--	--
Uranium-234	pCi/g	**11**	--	--	--	--	--	--	--	--	--	--	--	--	--
Uranium-235	pCi/g	**0.35**	--	--	--	--	**0.401**	--	--	--	--	--	--	--	--
Uranium-238	pCi/g	**1.4**	--	--	--	--	**6.79**	--	--	--	**3.16**	--	**4.52**	**4.04**	**2.41**
Radium-226	pCi/g	**0.023**	**0.953**	**1.03**	**1.01**	**1.34**	**5.23**	**1.13**	**2.01**	**1.55**	**4.94**	**0.99**	**2.97**	**3.15**	**1.47**
Radium-228	pCi/g	**0.041**	**1.08**	**1.11**	**1.42**	**1.49**	**1.33**	**1.54**	**1.13**	**1.12**	**1.05**	**1.37**	**1.39**	**1.22**	**1.12**

Notes:
bold - analyte concentration exceeds action level
-- = Sample tested for this compound, but concentration does not exceed BCL

Table 1. Radio Nuclide Exceedance
Conceptual Site Model - Additional Sam
TIMET
Henderson, Nevada

		Site Area	FrancyMtn	FrancyMtn	FrancyMtn	J2Landfill	NortheastProperty	NortheastProperty	NortheastProperty	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea
		Location	FM-SS-2	FM-SS-3	FM-SS-4	J2-SS-2	NE-B-3	NE-B-3	NE-B-3	NS-B-1	NS-B-1	NS-B-2	NS-B-2	NS-B-3	NS-B-3
		Sample Name	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	J2-SS-2_SS	NE-B-3_SS	NE-B-3_SUB	NE-B-3_SUB DUP	NS-B-1_SS	NS-B-1_SUB	NS-B-2_SS	NS-B-2_SUB	NS-B-3_SS	NS-B-3_SUB
		Start Depth	0	0	0	0	0	10	10	0	10	0	3	0	10
		End Depth	0.5	0.5	0.5	0.5	0.5	15	15	0.5	15	0.5	8	0.5	15
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/21/2013	11/22/2013	11/22/2013	11/22/2013	11/13/2013	11/13/2013	11/13/2013	11/13/2013	11/14/2013	11/14/2013
		Parent Sample	FM-SS-2_SS_11/20/13						NE-B-3_SS_11/22/13						
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL													
Thorium-228	pCi/g	**0.025**	**1.8**	**2.77**	**1.79**	**1.89**	**1.63**	**1.8**	**1.64**	**2.09**	**2.04**	**2.87**	**1.52**	**1.95**	**1.59**
Thorium-230	pCi/g	**8.3**	--	**28.3**	--	--	--	--	--	--	--	--	--	--	--
Uranium-234	pCi/g	**11**	--	**28.6**	--	--	--	--	--	--	--	--	--	--	--
Uranium-235	pCi/g	**0.35**	--	**1.55**	--	--	--	--	--	--	--	--	--	--	--
Uranium-238	pCi/g	**1.4**	**2.15**	**28.3**	**6**	--	--	--	--	--	--	**4.98**	--	--	--
Radium-226	pCi/g	**0.023**	**1.76**	**14.7**	**3.08**	**3.31**	**1**	**0.931**	**0.929**	**1.12**	**1.28**	**5.04**	**1.35**	**1.29**	**1.29**
Radium-228	pCi/g	**0.041**	**0.63**	**1.94**	**1.27**	**1.23**	**1.51**	**1.03**	**1**	**1.85**	**1.1**	**1.8**	**0.894**	**1.69**	**1.46**

Notes:
bold - analyte concentration exceeds action level
-- = Sample tested for this compound, but concentration does not exceed BCL

Table 1. Radio Nuclide Exceedance
Conceptual Site Model - Additional Sam
TIMET
Henderson, Nevada

		Site Area	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	SoilManagement	SoilManagement
		Location	NS-B-4	NS-B-4	NS-B-5	NS-SS-1	NS-SS-5	P-B-10	P-B-10	P-B-12	P-B-12	P-B-3	P-B-3	PA-SS-1	PA-SS-7	FM-B-1	FM-B-1
		Sample Name	NS-B-4_SS	NS-B-4_SUB	NS-B-5	NS-SS-1_SS	NS-SS-5_SS	P-B-10_SS	P-B-10_SUB	P-B-12_DEEP	P-B-12_SHALLOW	P-B-3_SS	P-B-3_SUB	PA-SS-1_SS	PA-SS-7_SS	FM-B-1 0-2	FM-B-1 13-15
		Start Depth	0	10	0	0	0	0	2	0	18	0	4	0	0	0	13
		End Depth	0.5	15	15	0.5	0.5	0.5	5	0.5	23	0.5	9	0.5	0.5	2	15
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/14/2013	11/14/2013	12/13/2013	11/20/2013	11/20/2013	12/11/2013	12/11/2013	12/5/2013	12/5/2013	11/18/2013	11/18/2013	12/13/2013	12/13/2013	12/12/2013	12/12/2013
		Parent Sample															
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL															
Thorium-228	pCi/g	**0.025**	**2.27**	**2.04**	**1.63**	**2.12**	**1.98**	**3.08**	**3.31**	**1.97**	**2.33**	**1.84**	**2.35**	**1.79**	**0.147**	**2.21**	**1.77**
Thorium-230	pCi/g	**8.3**	--	--	--	--	--	--	**11.8**	--	--	--	--	--	--	--	--
Uranium-234	pCi/g	**11**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Uranium-235	pCi/g	**0.35**	--	--	--	--	--	--	**0.415**	--	--	--	--	--	--	--	--
Uranium-238	pCi/g	**1.4**	--	--	--	**2.84**	--	**4.2**	**10.6**	--	**2.92**	--	--	--	--	--	--
Radium-226	pCi/g	**0.023**	**1.15**	**1.06**	**1.48**	**2.59**	**0.911**	**3.35**	**4.62**	**1.53**	**2.31**	**1.14**	**1.16**	**1.27**	**0.631**	**1.03**	**1.31**
Radium-228	pCi/g	**0.041**	**1.52**	**1.28**	**1.22**	**0.939**	**0.894**	**2**	**2.3**	**1.29**	**1.9**	**1.28**	**1.42**	**0.998**	--	**1.17**	**1.35**

Notes:
bold - analyte concentration exceeds action level
-- = Sample tested for this compound, but concentration does not exceed BCL

Table 1. Radio Nuclide Exceedance
Conceptual Site Model - Additional Sam
TIMET
Henderson, Nevada

		Site Area	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement
		Location	FM-B-1	FM-B-2	FM-B-2	FM-B-2	LS-B-1	NS-B-5	SW-B-1	SW-B-2	SW-B-3	SW-B-4	TR-B-1	TR-B-2
		Sample Name	FM-B-1 2-4	FM-B-2 0-2	FM-B-2 13-15	FM-B-2 2-4	LS-B-1	NS-B-5	SW-B-1	SW-B-2	SW-B-3	SW-B-4	TR-B-1	TR-B-2
		Start Depth	2	0	13	2	0	0	0	0	0	0	0	0
		End Depth	4	2	15	4	15	15	30	29	30	30	30	30
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/13/2013	12/13/2013	12/16/2013	12/16/2013	12/17/2013	12/17/2013	12/13/2013	12/16/2013
		Parent Sample												
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL												
Thorium-228	pCi/g	**0.025**	**1.68**	**2.36**	**1.84**	**1.75**	**1.53**	**1.63**	**2.09**	**1.52**	**1.7**	**1.46**	**1.83**	**1.5**
Thorium-230	pCi/g	**8.3**	--	**14.5**	--	--	--	--	--	--	--	--	--	--
Uranium-234	pCi/g	**11**	--	**15.9**	--	--	--	--	--	--	--	--	--	--
Uranium-235	pCi/g	**0.35**	--	**0.633**	--	--	--	--	--	--	--	--	--	--
Uranium-238	pCi/g	**1.4**	--	**15.1**	--	--	--	--	--	--	--	--	--	--
Radium-226	pCi/g	**0.023**	**1.02**	**8.6**	**1.11**	**1.04**	**1.42**	**1.48**	**1.31**	**1.12**	**1.73**	**1.06**	**1.55**	**1.02**
Radium-228	pCi/g	**0.041**	**1.37**	**1.95**	**1.39**	**1.09**	**1.32**	**1.22**	**1.05**	**1.17**	**1**	**0.727**	**1.16**	**1.2**

Notes:
bold - analyte concentration exceeds action level
-- = Sample tested for this compound, but concentration does not exceed BCL

Table 2. PCB and Dioxin/Furan Exceedances
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	DrainageDitches	NorthStorageArea	PondAreas	PondAreas	PondAreas	ProcessArea	HP1	HP1	HP1	HP1	SW1	SW1	SW1
		Location	DD-B-4	NS-SS-1	P-B-11	P-B-12	P-B-7	PA-SS-5	HP1-2	HP1-3	HP1-3	HP1-4	W-B-1Com	W-B-2Com	W-B-3Comp
		Sample Name	DD-B-4_SS	NS-SS-1_SS	P-B-11_SS	P-B-12_SHALLOW	P-B-7_SS DUP	PA-SS-5_SS	HP1-2-1	HP1-3-1	HP1-3-2	HP1-4-1	SW-1 Dup	SW-1 2E	SW-1 3E
		Start Depth	0	0	0	18	0	0	0	0	1.1	0	0	0	0
		End Depth	0.5	0.5	0.5	23	0.5	0.5	1	1	1.5	1	5	5	5
		Depth Units	ft	ft	ft	ft	ft	ft	ft below liner	ft below liner	ft below liner	ft below liner	ft	ft	ft
		Sample Date	12/2/2013	11/20/2013	12/11/2013	12/5/2013	12/2/2013	12/13/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	8/15/2013	8/15/2013	8/15/2013
		Parent Sample					P-B-7_SS_12/02/13						SW-1 1E_08/15/13		
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL													
Total PCBs (Lab calculated)	mg/Kg	**0.83**	**1.6 qB**	**--**	**1.4 Bq**	**1.4 Bq**	**0.93 qB**	**1.9 qB**	**1.12 J**	**4.35 J**	**20.7 J**	**2.55 J**	**1.15 J**	**1.72 J**	**0.875 J**
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	**0.0027**	**--**	**0.008**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
Total TEQ-Dioxin/Furan only	mg/Kg	**0.0027**	**--**	**0.008**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg	**0.000309**	**--**	**0.0011 B**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--

Notes:
B - blank contamination
q - The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio.
The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
bold - analyte concentration exceeds action level
-- = Sample tested for this compound, but concentration does not exceed BCL

Table 3. Metals Exceedances
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	DrainageDitches	FrancyMtn	J2Landfill	NorthStorageArea	NorthStorageArea	NorthStorageArea	PondAreas	SoilManagement
		Location	DD-B-4	FM-SS-3	J2-SS-1	NS-B-2	NS-SS-2	NS-SS-3	P-B-10	FM-B-2
		Sample Name	DD-B-4_SS	FM-SS-3_SS	J2-SS-1_SS	NS-B-2_SS	NS-SS-2_SS	NS-SS-3_SS	P-B-10_SUB	FM-B-2 0-2
		Start Depth	0	0	0	0	0	0	2	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	5	2
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/2/2013	11/20/2013	11/21/2013	11/13/2013	11/20/2013	11/20/2013	12/11/2013	12/12/2013
		Parent Sample								
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL								
Chromium	mg/Kg	**1360**	--	--	--	--	--	--	**1600**	--
Manganese	mg/Kg	**24900**	--	--	--	--	--	**33000**	--	--
Niobium	mg/Kg	**114**	**160**	**300 B**	**150 B**	**140**	**280 B**	--	--	**200**

Notes:
B - blank contamination
bold - analyte concentration exceeds action level
The Chromium BCL listed here is for Hexavalent Chromium and the analysis is for Total Chromium. The BCL for Total Chromium is 100,000 mg/kg
'-- = Sample tested for this compound, but concentration does not exceed BCL

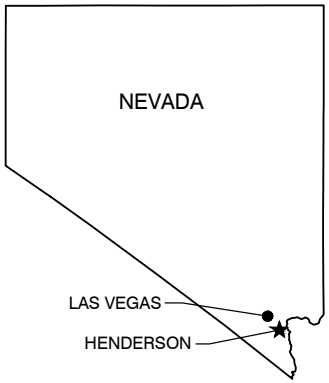
U - analyte not detected above referenced laboratory limit
+/- - suspected high or low bias
UJ - analyte not detected above referenced laboratory limit; reporting limit may be inaccruate or imprecise
B - blank contamination
J - estimated concentration
G - The reported quantitation limit has been raised due to an exhibited elevated noice or matrix interference
q - The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. Themeasured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
E - Result exceeded calibration range.
H - analytical holding time exceeded
* LCS or LCSD exceeds the control limits
bold - analyte concentration exceeds action level

Figures

Aerial Photo Source: © 2009 Google Earth Pro Ver 5.0.11733.9347

0 800
Approx. Scale (feet)

N



TIMET Property Boundary

Proposed Extraction Well Location (approximate)

Proposed Injection Trench Location (approximate)

Slurry Wall Location (approximate)

Figure 1
Site Location and Layout Map
Titanium Metals Corporation of America
181 North Water Street
Henderson Nevada

Notes:
- U = analyte not detected above referenced laboratory limit
- +/- = suspected high or low bias
- UJ = analyte not detected above referenced laboratory limit; reporting limit may be inaccruate or imprecise
- B = blank contamination
- J = estimated concentration
- G = The reported quantitation limit has been raised due to an exhibited elevated noice or matrix interference
- q = The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
- E = Result exceeded calibration range
- H = analytical holding time exceeded
- LCS or LCSD exceeds the control limits
- NT = Sample not analyzed for this compound

The data presented herein have not been validated and are submitted and discussed in this Soil Management Plan only to provide an indication of the chemical presence in soils to be covered by the Slurry Wall/Northern Property cover system. These data will be validated, included and interpreted in the CSM Report scheduled for submittal to NDEP in June 2014.

120 60 0 120 240
Feet

N W E S

1 inch = 120 feet when plotted to scale

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

Project 1323080

GEI Consultants

DISTRIBUTION OF PCB 209 AND TOTAL PCBS IN SOILS AND PONDS (MG/KG)
TIMET HENDERSON CSM
DRAFT DATA

Date: 2/24/2014 **DRAFT** FIGURE 2.

J:\Landfills\Timet\GIS\Fig2_209PCB_SoilsPonds.mxd By ATV.

SOURCE: USGS High Resolution Orthoimagery for Las Vegas. Acquired 08.2012

Notes:
- U = analyte not detected above referenced laboratory limit
- +/- = suspected high or low bias
- UJ = analyte not detected above referenced laboratory limit; reporting limit may be inaccurate or imprecise
- B = blank contamination
- J = estimated concentration
- G = The reported quantitation limit has been raised due to an exhibited elevated noice or matrix interference
- q = The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
- E = Result exceeded calibration range
- H = analytical holding time exceeded
- LCS or LCSD exceeds the control limits
- NT = Sample not analyzed for this compound

The data presented herein have not been validated and are submitted and discussed in this Soil Management Plan only to provide an indication of the chemical presence in soils to be covered by the Slurry Wall/Northern Property cover system. These data will be validated, included and interpreted in the CSM Report scheduled for submittal to NDEP in June 2014.

120 60 0 120 240
Feet

N W E S

1 inch = 120 feet when plotted to scale

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

Project 1323080

GEI Consultants

DISTRIBUTION OF DIOXINS (EXPRESSED AS TOTAL TCDD TOXIC EQUIVALENCE) IN SOILS (MG/KG)
TIMET HENDERSON CSM
DRAFT DATA

Date: 2/24/2014 **DRAFT** FIGURE 3.

J:\Landfills\Timet\GIS\Fig3_DioxinFuranTEQs_Soils.mxd By ATV.

SOURCE: USGS High Resolution Orthoimagery for Las Vegas. Acquired 08.2012

Notes:
- U = analyte not detected above referenced laboratory limit
- +/- = suspected high or low bias
- UJ = analyte not detected above referenced laboratory limit; reporting limit may be inaccruate or imprecise
- B = blank contamination
- J = estimated concentration
- G = The reported quantitation limit has been raised due to an exhibited elevated noice or matrix interference
- q = The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
- E = Result exceeded calibration range
- H = analytical holding time exceeded
- LCS or LCSD exceeds the control limits
- NT = Sample not analyzed for this compound

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J:\Landfills\Timet\GIS\Fig4_GrossAlphaBeta_Soils.mxd By ATV.

120 60 0 120 240
Feet

N W E S

1 inch = 120 feet when plotted to scale

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

Project 1323080

GEI Consultants

DISTRIBUTION OF GROSS ALPHA AND GROSS BETA RADIATION RESULTS IN SOILS (PCI/G)
TIMET HENDERSON CSM
DRAFT DATA

Date: 2/24/2014 **DRAFT** FIGURE 4.

SOURCE: USGS High Resolution Orthoimagery for Las Vegas. Acquired 08.2012

Notes:
- U = analyte not detected above referenced laboratory limit
- +/- = suspected high or low bias
- UJ = analyte not detected above referenced laboratory limit; reporting limit may be inaccruate or imprecise
- B = blank contamination
- J = estimated concentration
- G = The reported quantitation limit has been raised due to an exhibited elevated noice or matrix interference
- q = The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
- E = Result exceeded calibration range
- H = analytical holding time exceeded
- LCS or LCSD exceeds the control limits
- NT = Sample not analyzed for this compound

The data presented herein have not been validated and are submitted and discussed in this Soil Management Plan only to provide an indication of the chemical presence in soils to be covered by the Slurry Wall/Northern Property cover system. These data will be validated, included and interpreted in the CSM Report scheduled for submittal to NDEP in June 2014.

J:\Landfills\Timet\GIS\Fig5_Th_Ra_Soils.mxd By ATV.

120 60 0 120 240
Feet

N W E S

1 inch = 120 feet when plotted to scale

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

Project 1323080

GEI Consultants

DISTRIBUTION OF THORIUM 228, RADIUM 226 AND RADIUM 228 IN SOILS (PCI/G)
TIMET HENDERSON CSM
DRAFT DATA

Date: 2/24/2014 **DRAFT** FIGURE 5.

SOURCE: USGS High Resolution Orthoimagery for Las Vegas. Acquired 08.2012

Notes:
- U = analyte not detected above referenced laboratory limit
- +/- = suspected high or low bias
- UJ = analyte not detected above referenced laboratory limit; reporting limit may be inaccruate or imprecise
- B = blank contamination
- J = estimated concentration
- G = The reported quantitation limit has been raised due to an exhibited elevated noice or matrix interference
- q = The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
- E = Result exceeded calibration range
- H = analytical holding time exceeded
- LCS or LCSD exceeds the control limits
- NT = Sample not analyzed for this compound

The data presented herein have not been validated and are submitted and discussed in this Soil Management Plan only to provide an indication of the chemical presence in soils to be covered by the Slurry Wall/Northern Property cover system. These data will be validated, included and interpreted in the CSM Report scheduled for submittal to NDEP in June 2014.

120 60 0 120 240
Feet

N W E S

1 inch = 120 feet when plotted to scale

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

Project 1323080

GEI Consultants

DISTRIBUTION OF CHROMIUM, MAGNESIUM AND NIOBIUM EXCEEDANCES IN SOILS (MG/KG)
TIMET HENDERSON CSM
DRAFT DATA

Date: 2/24/2014 **DRAFT** FIGURE 6.

J:\Landfills\Timet\GIS\Fig6_CrMgNi_Soils.mxd By ATV.

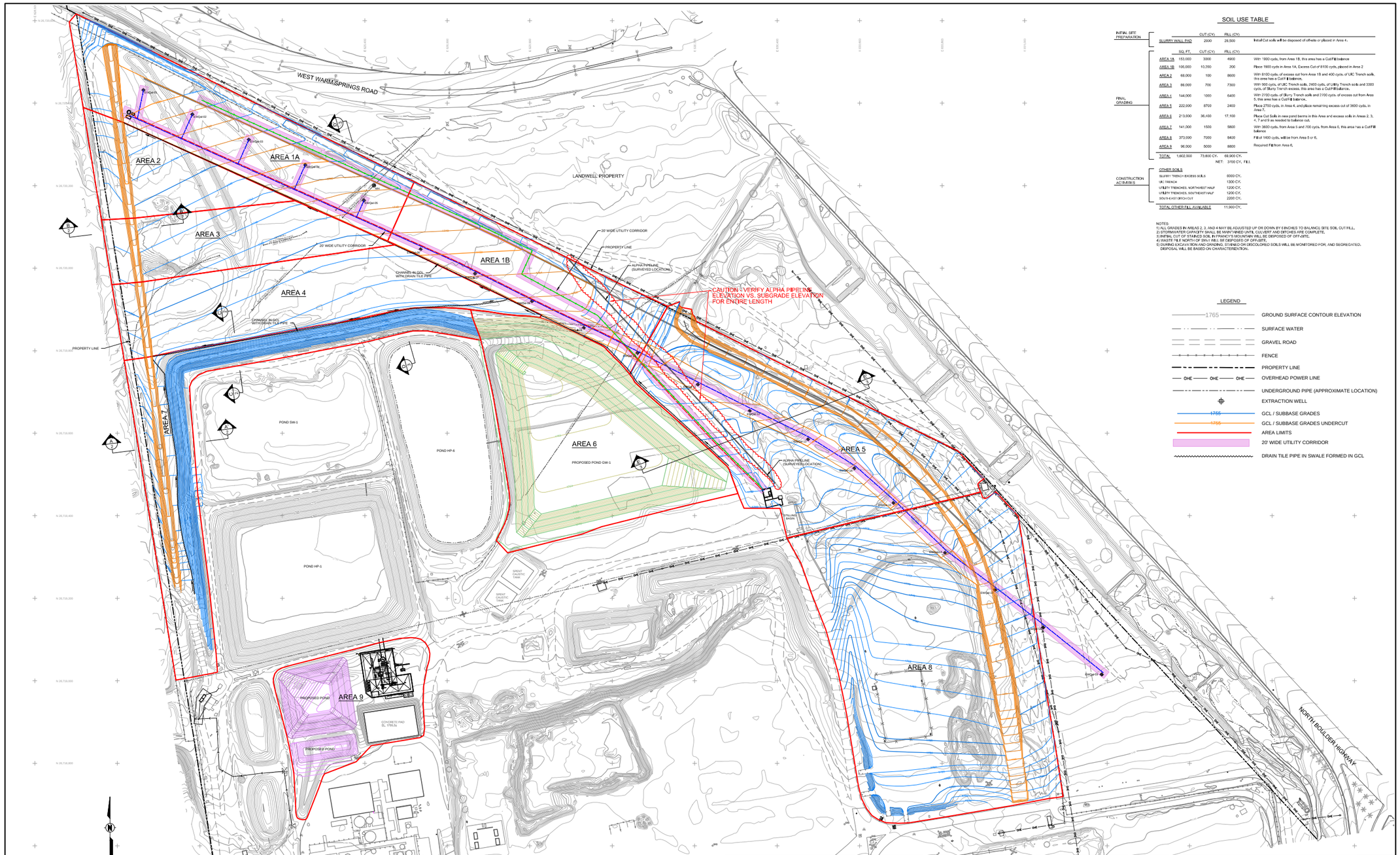
SOURCE: USGS High Resolution Orthoimagery for Las Vegas. Acquired 08.2012

Drawings

C-1 Proposed Subgrade

C-2 Cross-Sections and Details

C-3 Cross-Sections



SOIL USE TABLE

INITIAL SITE PREPARATION

	CUT (CY)	FILL (CY)	
SLURRY WALL PAD	2000	26,500	Initial Cut soils will be disposed of offsite or placed in Area 4.

FINAL GRADING

	SQ. FT.	CUT (CY)	FILL (CY)	
AREA 1A	153,000	3000	4900	With 1900 cyds, from Area 1B, this area has a Cut/Fill balance
AREA 1B	105,000	10,200	200	Place 1900 cyds in Area 1A, Excess Cut of 8100 cyds, placed in Area 2
AREA 2	68,000	100	8600	With 8100 cyds, of excess cut from Area 1B and 400 cyds. of LRC Trench soils, this area has a Cut/Fill balance.
AREA 3	86,000	700	7300	With 900 cyds. of LRC Trench soils, 2400 cyds. of Utility Trench soils and 3300 cyds. of Slurry Trench excess, this area has a Cut/Fill balance.
AREA 4	144,000	1000	5400	With 2100 cyds. of Slurry Trench soils and 2700 cyds. of excess cut from Area 5, this area has a Cut/Fill balance.
AREA 5	222,000	8700	2400	Place 2700 cyds. in Area 4, and place remaining excess cut of 3600 cyds. in Area 7.
AREA 6	213,000	36,400	17,100	Place Cut Soils in near pond berms in this Area and excess soils in Areas 2, 3, 4, 7 and 9 as needed to balance cut.
AREA 7	141,000	1500	5800	With 3600 cyds. from Area 5 and 700 cyds. from Area 6, this area has a Cut/Fill balance
AREA 8	373,000	7000	8400	Fill of 1400 cyds. will be from Area 5 or 6.
AREA 9	96,000	5000	8800	Required Fill from Area 6.
TOTAL	1,602,000	73,600 CY.	68,900 CY.	
			NET: 3700 CY. Fill.	

CONSTRUCTION ACTIVITIES

OTHER SOILS	
SLURRY TRENCH EXCESS SOILS	6000 CY.
LRC TRENCH	1300 CY.
UTILITY TRENCHES, NORTHWEST HALF	1200 CY.
UTILITY TRENCHES, SOUTHEAST HALF	1200 CY.
SOUTH EAST BRCH CUT	2200 CY.
TOTAL OTHER FILL AVAILABLE	11,900 CY.

NOTES:
1) ALL GRADES IN AREAS 2, 3, AND 4 MAY BE ADJUSTED UP OR DOWN BY 6 INCHES TO BALANCE SITE SOIL CUT/FILL.
2) STORMWATER CAPACITY SHALL BE MAINTAINED UNTIL CULVERT AND DITCHES ARE COMPLETE.
3) INITIAL CUT OF STAINED SOIL IN FRANCY'S MOUNTAIN WILL BE DISPOSED OF OFF-SITE.
4) WASTE PILE NORTH OF SWU WILL BE DISPOSED OF OFF-SITE.
5) DURING EXCAVATION AND GRADING, STAINED OR DISCOLORED SOILS WILL BE MONITORED FOR, AND SEGREGATED. DISPOSAL WILL BE BASED ON CHARACTERIZATION.

LEGEND

- 1765 — GROUND SURFACE CONTOUR ELEVATION
- SURFACE WATER
- GRAVEL ROAD
- FENCE
- PROPERTY LINE
- OHE — OVERHEAD POWER LINE
- UNDERGROUND PIPE (APPROXIMATE LOCATION)
- EXTRACTION WELL
- 1755 — GCL / SUBBASE GRADES
- 1755 — GCL / SUBBASE GRADES UNDERCUT
- AREA LIMITS
- 20' WIDE UTILITY CORRIDOR
- DRAIN TILE PIPE IN SWALE FORMED IN GCL

Attention:

0 1"

If this scale bar does not measure 1" then drawing is not original scale.

NO.	DATE	ISSUE/REVISION	APP

Designed: M. Ruetten
Checked: M. Ruetten
Drawn: K. Curtin
Submittal Date: 2/20/2014

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HENDERSON, NEVADA 89015

GEI Project 1323080

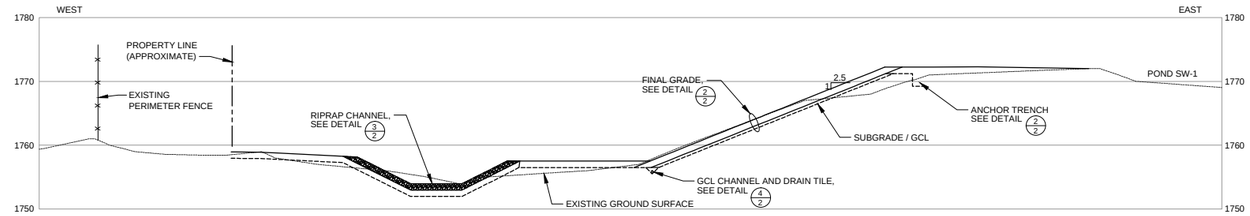
SOIL MANAGEMENT PLAN

PROPOSED SUBGRADE

DWG. NO. C-1

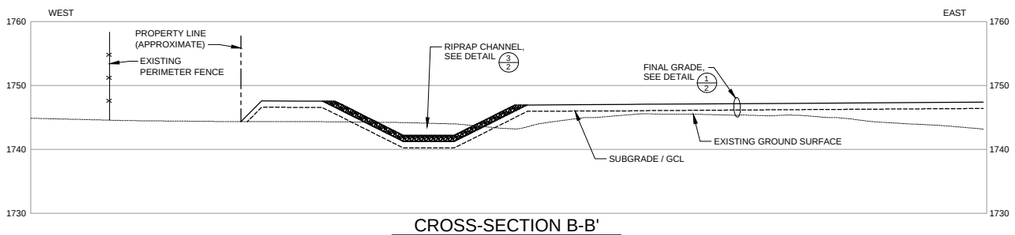
SHEET NO. 1

J:\Landfills\Timet\Soil_Management\C-1A_Proposed-Subgrade



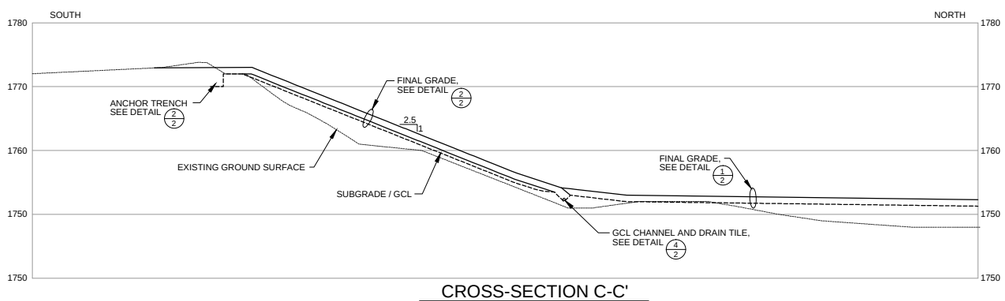
CROSS-SECTION A-A'

SCALE: 1" = 10' HORIZ. & VERT.



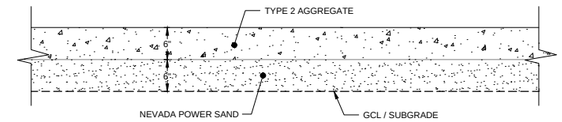
CROSS-SECTION B-B'

SCALE: 1" = 10' HORIZ. & VERT.



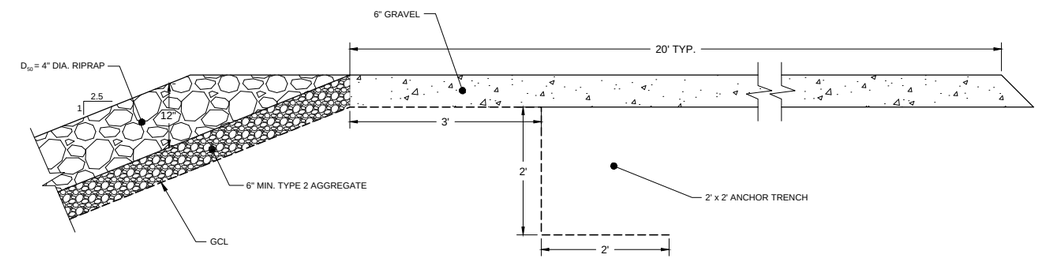
CROSS-SECTION C-C'

SCALE: 1" = 10' HORIZ. & VERT.



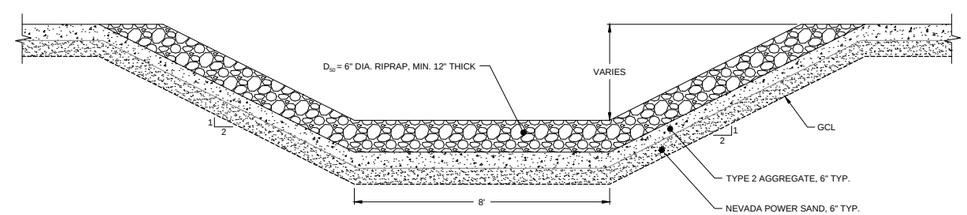
1/2 FINAL COVER DETAIL IN NON-SIDESLOPE AREAS

SCALE: 1"=1'



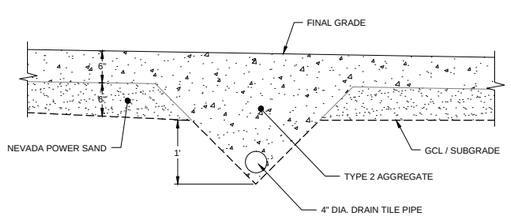
2/2 SIDESLOPE FINAL COVER AND ANCHOR TRENCH DETAIL

SCALE: 1"=1'



3/2 WEST CHANNEL DETAIL

SCALE: 1"=2'



4/2 GCL CHANNEL AND DRAIN TILE DETAIL

SCALE: 1"=1'

Attention:

0 1"

If this scale bar does not measure 1" then drawing is not original scale.

NO.	DATE	ISSUE/REVISION	APP

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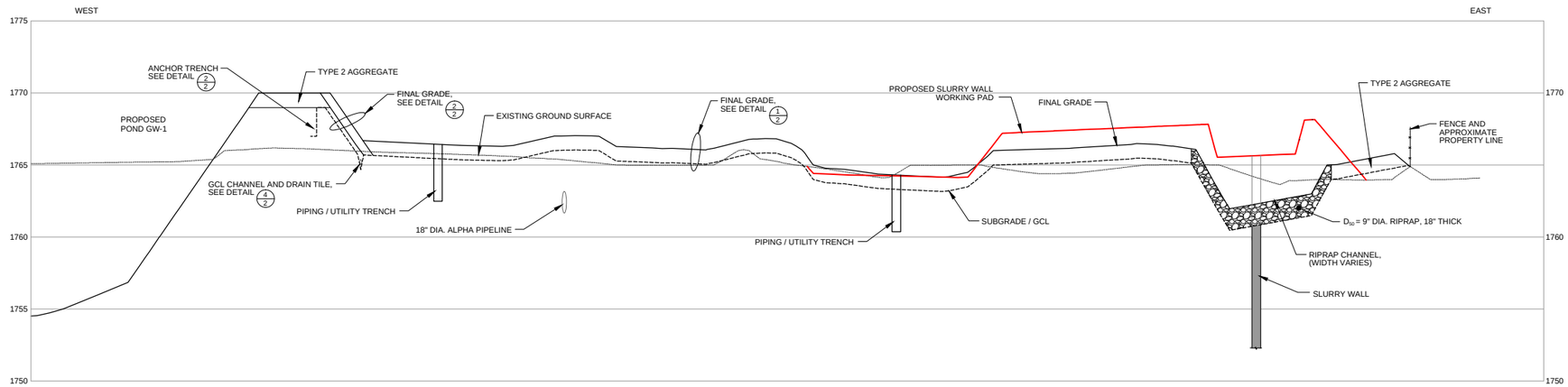
SOIL MANAGEMENT PLAN

CROSS-SECTIONS AND DETAILS

DWG. NO. C-2

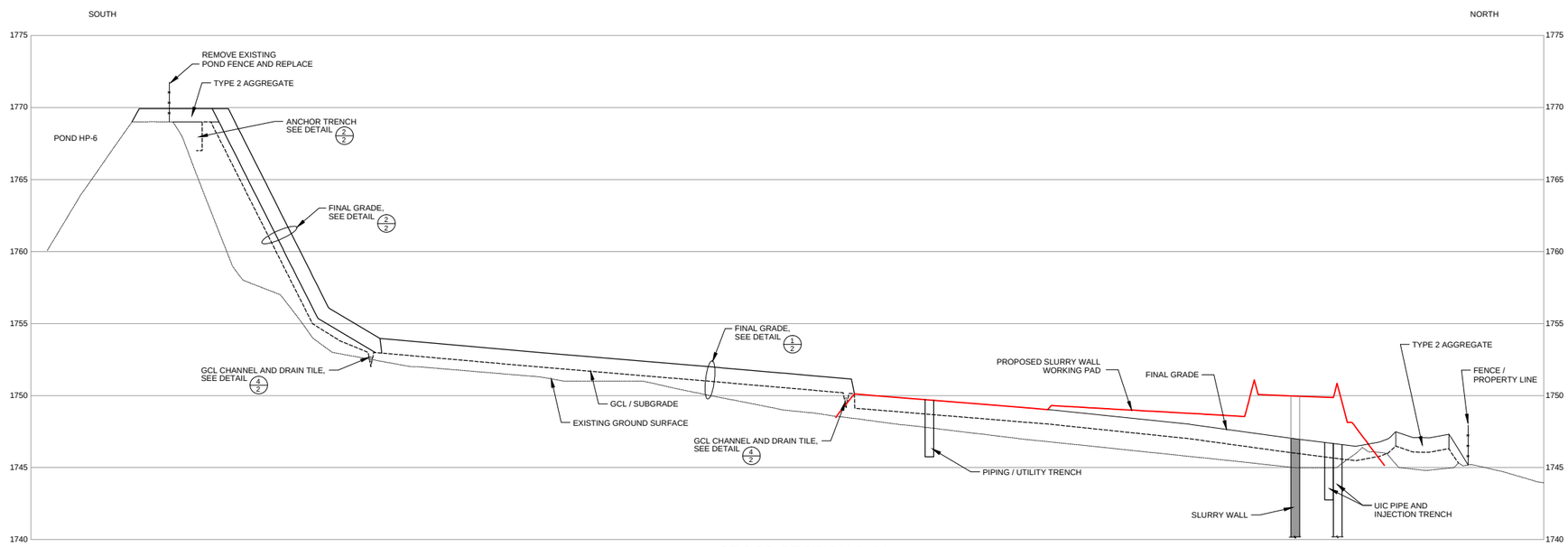
SHEET NO. 2

J:\Landfills\Timet\Soil_Management\C-1A_Proposed-Subgrade



CROSS-SECTION E-E'

SCALE: 1" = 20' HORIZ. & 1" = 4' VERT.
5X VERTICAL EXAGGERATION



CROSS-SECTION D-D'

SCALE: 1" = 20' HORIZ. & 1" = 4' VERT.
5X VERTICAL EXAGGERATION

Attention:

0 1"

If this scale bar does not measure 1" then drawing is not original scale.

NO.	DATE	ISSUE/REVISION	APP

Designed: M. Ruetten
Checked: M. Ruetten
Drawn: K. Curtin
Submittal Date: 2/20/2014

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SOIL MANAGEMENT PLAN

CROSS-SECTIONS

DWG. NO. C-3

SHEET NO. 3

J:\Landfills\Timet\Soil_Management\C-1A_Proposed-Subgrade

Appendix A

Preliminary Results of CSM Supplemental Investigations-Site Soils

Table 4. Soil Summary - Dioxins
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	HP1	HP1	HP1	J2Landfill	NortheastProperty	NorthStorageArea
		Location	BY-SS-3	BY-SS-3	DD-B-1	DD-B-4	DD-B-8	DD-B-9	FM-SS-2	FM-SS-2	FM-SS-3	HP1-1	HP1-1	HP1-4	J2-SS-2	NE-B-3	NS-SS-1
		Sample Name	BY-SS-3_SS	BY-SS-3_SS DUP	DD-B-1_SS	DD-B-4_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	DUP	HP1-1-1	HP1-4-1	J2-SS-2_SS	NE-B-3_SS	NS-SS-1_SS
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	1	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft below liner	ft below liner	ft below liner	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/14/2013	12/2/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	7/10/2013	7/10/2013	7/10/2013	11/21/2013	11/22/2013	11/20/2013
		Parent Sample		BY-SS-3_SS_11/20/13						FM-SS-2_SS_11/20/13		HP1-1-1_07/10/13					
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**															
1,2,3,4,5,6,7,8-Octachlorodibenzofuran (OCDF)	mg/Kg		0.00061 B	0.00075 B	0.00035 B	0.037 B	0.0014	0.0066 B	0.0046 B	0.014 EB	0.1 B	0.00135	0.00157	0.00467 J-	0.0014 B	8.1E-05 B	0.13 B
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/Kg		4.5E-05 B	8.8E-05 B	1.5E-05 J	0.00066 B	7.7E-05	0.00016 B	3.5E-05 B	0.00013 B	0.00045 B	4.3E-05 J+	5.03E-05 J+	0.000142	9.5E-05 B	1E-05 JB	0.0045 B
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/Kg		0.0002	0.00026	0.00013	0.0011	0.0002	0.00016	8.1E-05	0.00027	0.00098	0.000338	0.000405 J+	0.0015	0.00011	1.5E-05	0.043
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/Kg		2.4E-05	3.2E-05	1.2E-05	0.00011	2.2E-05	1.9E-05	3.8E-06	1.8E-05	4.3E-05	3.16E-05	3.71E-05	0.000134	1.4E-05	1.9E-06	0.0039
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/Kg		6.5E-05 B	8.1E-05 B	5E-05	0.00039 B	6.6E-05	4E-05 B	4.2E-05 B	0.00015 B	0.00048 B	0.000127	0.000169	0.000601	3.1E-05 B	3.2E-06 JB	0.016 B
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg		0.00011	0.00012	5.3E-05	0.00056	9.2E-05	5E-05	7.2E-05	0.00025	0.0007	0.000173	0.000219	0.000785	3.9E-05	6.1E-06	0.023
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg		3.4E-06 JB	3.5E-06 JB	1.8E-06 J	1E-05 JB	2.1E-06 J	9.5E-07 JqB	3.8E-07 J	1.6E-06 J	3.6E-06 Jq	4.47E-06	6.39E-06	1.99E-05	7.5E-07 JBq	5.1E-08 U	0.00048 B
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg		5.5E-05 B	6.3E-05 B	3.3E-05	0.00018 B	5.1E-05	2.1E-05 B	1.4E-05	5.6E-05	0.00012	8.11E-05	0.00011 J-	0.000409 J	1.8E-05 B	3E-06 JB	0.01 B
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg		5.6E-06	6.8E-06	3.6E-06 J	1.9E-05	4.8E-06 J	2.3E-06	7.5E-07	3.6E-06	7E-06	9.67E-06	1.26E-05	4.57E-05	2.7E-06	4.8E-07	0.0012
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/Kg		6.9E-06 JB	5.8E-06 JB	4.2E-06 J	2.6E-05 B	6.1E-06 J	2.7E-06 JB	2.2E-06 J	7.5E-06 J	2.3E-05	7.95E-06 J	1.72E-05 J	4.82E-05	1.8E-06 JB	3.9E-07 JB	0.0012 B
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg	**0.000309**	6.8E-06 JB	7.5E-06 JB	2.7E-06 J	2E-05 B	4.3E-06 J	2.6E-06 JB	5.7E-07 Jq	3.9E-06 J	6.6E-06 J	9.26E-06	1.2E-05	4.44E-05	3.3E-06 JB	7E-07 JBq	**0.0011 B**
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg		4.1E-05	4.5E-05	2.4E-05	0.00018	3.6E-05	1.6E-05	1.5E-05	5.8E-05 *	0.00014	6.91E-05	0.000101	0.000361	1.5E-05	2.9E-06	0.0094
1,2,3,7,8-Pentachlororodibenzo-p-dioxin (PeCDD)	mg/Kg		3.7E-06	3.9E-06	2E-06 J	1.2E-05	2.5E-06 J	1.2E-06	4.7E-07	2.6E-06	4.2E-06	5.93E-06	8.81E-06	2.87E-05	1.1E-06	2E-07	0.00076
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg		1.7E-05 B	2.3E-05 B	7.9E-06 J	7.8E-05 B	1.2E-05	8.3E-06 JB	6.6E-06 J	2E-05	5.6E-05	4.73E-05	3.35E-05	0.000232	6.7E-06 JB	1.2E-06 JB	0.0042 B
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg		2.4E-05 B	2.7E-05 B	1.4E-05	0.0001 B	2.1E-05	9.7E-06 JB	6.9E-06 J	2.7E-05	6.1E-05	4.01E-05	5.87E-05	0.000204	9.6E-06 JB	1.5E-06 JBq	0.0049 B
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/Kg		3E-05	3.2E-05	1.1E-05 J	0.00021	2.3E-05	1.8E-05	1.7E-05	7.5E-05	0.00013	2.87E-05 J	6.2E-05 J	0.000135	2.7E-05	4.3E-06	0.0045
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/Kg	0.001	1.1E-06	1.2E-06	6.2E-07 J	5.1E-06	9.8E-07 J	6.9E-07	3.4E-07	1.1E-06	1.7E-06	1.98E-06	2.97E-06	8.11E-06	5.4E-07	1E-07	0.00025

Table 4. Soil Summary - Dioxins
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	NorthStorageArea	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	S17	S17	SW1	SW1	SW1	SW1
		Location	NS-SS-5	P-B-10	P-B-12	P-B-3	PA-SS-1	PA-SS-7	S17-SS-1	S17-SS-2	SW-B-1Comp	SW-B-1Comp	SW-B-2Comp	SW-B-3Comp
		Sample Name	NS-SS-5_SS	P-B-10_SS	P-B-12_SHALLOW	P-B-3_SS	PA-SS-1_SS	PA-SS-7_SS	S17-SS-1_SS	S17-SS-2_SS	SW-1 1E	SW-1 Dup.	SW-1 2E	SW-1 3E
		Start Depth	0	0	18	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	23	0.5	0.5	0.5	0.5	0.5	5	5	5	5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	12/11/2013	12/5/2013	11/18/2013	12/13/2013	12/13/2013	11/21/2013	11/21/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
		Parent Sample										SW-1 1E_08/15/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**												
1,2,3,4,5,6,7,8-Octachlorodibenzofuran (OCDF)	mg/Kg		0.00035 B	0.025	0.089	0.002	0.015 J	0.00029 J-	9.2E-05 B	0.0053 B	0.0745 J	0.0406 J	0.149	0.0692 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/Kg		1.6E-05 JB	0.00038	0.00081	7.7E-05	0.00057	2.7E-05 J	1.1E-05 JB	0.00011 B	0.000467 J	0.000278 J	0.000749	0.000504 J-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/Kg		7.2E-05	0.0033	0.0072	0.00062	0.0043	7.3E-05 J	2.3E-05	0.00066	0.00114	0.000853	0.00251	0.00134
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/Kg		6.1E-06	0.00025	0.00051	6.3E-05	0.00036	8.1E-06 J	4.4E-06	6.3E-05	3.93E-05 J+	2.63E-05 J+	2.31E-05	3.73E-05 J+
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/Kg		2.4E-05 B	0.0012	0.0029	0.00021	0.0016	1.8E-05 J	4.7E-06 JB	0.00023 B	0.000288	0.000222	0.00046	0.000383
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg		2.6E-05	0.0013	0.0028	0.00035	0.0018	2.3E-05 J	8E-06	0.0003	0.000262	0.000223	0.000444 J+	0.000977
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg		9.1E-07 JBq	3E-05 JqH	6.2E-05	8.2E-06 J	5.1E-05 J	4.8E-06 UJ-	2.3E-07 JBq	8.4E-06 JB	4.54E-06 U	4.99E-06 U	2.01E-06 J	3.96E-06 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg		1.6E-05 B	0.00072 H	0.0017	0.00019	0.00087	1.3E-05 J	4.6E-06 JB	0.00015 B	6.61E-05	7.3E-05	0.000116	0.000158
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg		1.9E-06	7.3E-05	0.00014	1.6E-05	8.8E-05 J	3.9E-06 UJ-	7.6E-07	1.5E-05	4.18E-06 J	6.2E-06	3.73E-06 J	5.84E-06 J+
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/Kg		2E-06 JBq	0.0001 GH	0.00024	1.8E-05	0.00013 J+	6.8E-06 UJ-	3.8E-07 JBq	1.9E-05 B	1.43E-05	1.09E-05	1.86E-05	2.2E-05
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg	**0.000309**	2E-06 JBq	5.7E-05 H	0.00013	1.8E-05	6.5E-05 J	3.7E-06 UJ-	1E-06 JB	1.7E-05 B	7.14E-06 J+	7.46E-06 J+	4.49E-06 J+	6.79E-06 J+
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg		1.2E-05	0.00048	0.0012	0.00015	0.0007	7.8E-06 UJ-	2.6E-06	0.00012	7.87E-05	7.57E-05	0.00012 J+	0.000265
1,2,3,7,8-Pentachlororodibenzo-p-dioxin (PeCDD)	mg/Kg		6.6E-07	4.3E-05	9.1E-05	1.2E-05	5.6E-05 J	1.1E-05 UJ-	2.7E-07	9.9E-06	4.68E-06 J+	4.46E-06 J	5.3E-06 J+	4.85E-06 J+
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg		5.9E-06 JB	0.00017 H	0.00055	7.2E-05	0.00016	6.1E-06 UJ-	5.1E-06 JB	5.5E-05 B	4.61E-05	4.94E-05	8.14E-05	8.65E-05 J+
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg		6.7E-06 JB	0.00026 H	0.00067	7.8E-05	0.00036	8.3E-06 UJ-	2.7E-06 JB	6.8E-05 B	3.35E-05	3.88E-05	5.32E-05	0.000127
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/Kg		8.8E-06	0.00028	0.00072 J	9.6E-05	0.00051	1.2E-05 J-	2.7E-06	8.1E-05	5.15E-05	4.32E-05	6.69E-05 J+	0.000117
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/Kg	0.001	3.4E-07	1E-05	3.1E-05	3.4E-06	1.7E-05 J	8.3E-06 UJ-	1.1E-07	3.1E-06	9.09E-07 UJ	2.11E-06 J	8.45E-07 U	1.97E-06

Table 5. Soil Summary - General Chemistry
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	Boneyard	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches
		Location	BY-SS-1	BY-SS-2	BY-SS-3	BY-SS-3	BY-SS-4	DD-B-1	DD-B-1	DD-B-10	DD-B-10	DD-B-10	DD-B-2	DD-B-2	DD-B-3	DD-B-3	DD-B-4	DD-B-4	DD-B-5
		Sample Name	BY-SS-1_SS	BY-SS-2_SS	BY-SS-3_SS	BY-SS-3_SS DUP	BY-SS-4_SS	DD-B-1_SS	DD-B-1_SUB	DD-B-10_SS	DD-B-10_SUB	DD-B-10_SUB DUP	DD-B-2_SS	DD-B-2_SUB	DD-B-3_SS	DD-B-3_SUB	DD-B-4_SS	DD-B-4_SUB	DD-B-5_SS
		Start Depth	0	0	0	0	0	0	10	0	10	10	0	10	0	10	0	5.5	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	15	0.5	15	15	0.5	15	0.5	15	0.5	10.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/14/2013	11/14/2013	12/4/2013	12/4/2013	12/4/2013	11/14/2013	11/14/2013	11/14/2013	11/14/2013	12/2/2013	12/2/2013	11/13/2013
		Parent Sample				BY-SS-3_SS_11/20/13						DD-B-10_SUB_12/04/13							
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
Chloride	mg/Kg		3100	11000	4500	4500	2400	82 J+	79 J+	8 H	130 H	120 H	25	6.7	18	190 J+	910 H	320 H	22
Nitrate as Nitrogen	mg/Kg	100000	11	310	14	21	6	9.6	0.34	0.91 H	7.3 H	6.8 H	1.2	0.38	1.8	6.6	23 H	1.6 H	7.6
Sulfate	mg/Kg		910	1700	570	440	260	100	160	15 H	200 H	180 H	170	350	63	760	640 H	190 H	61

Table 5. Soil Summary - General Chemis
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		Site Area	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	HP1	HP1
		Location	DD-B-5	DD-B-6	DD-B-6	DD-B-7	DD-B-7	DD-B-8	DD-B-8	DD-B-9	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	HP1-1	HP1-1
		Sample Name	DD-B-5_SUB	DD-B-6_SS	DD-B-6_SUB	DD-B-7_SS	DD-B-7_SUB	DD-B-8_SS	DD-B-8_SUB	DD-B-9_SS	DD-B-9_SUB	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	DUP	HP1-1-1
		Start Depth	9	0	10	0	10	0	10	0	10	0	0	0	0	0	0	0	0
		End Depth	14	0.5	15	0.5	15	0.5	15	0.5	15	0.5	0.5	0.5	0.5	0.5	0.5	1	1
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft below liner	ft below liner
		Sample Date	11/13/2013	12/3/2013	12/3/2013	12/6/2013	12/6/2013	12/4/2013	12/4/2013	12/3/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/10/2013	7/10/2013
		Parent Sample											FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13			HP1-1-1_07/10/13	
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
Chloride	mg/Kg		28	1200 H	120 H	530 H	54 H	2.2 H	17 H	4500 H	190 H	1500	2000	200	170	2300	150	7700 J-	7700 J-
Nitrate as Nitrogen	mg/Kg	100000	0.3 J+	4.1 H	0.45 H	47 H	0.78 H	0.72 H	2.3 H	100 H	1.9 H	4.6	5.5	1.6	1.5	3.9	1.4	190 J-	190 J-
Sulfate	mg/Kg		56	3700 H	110 H	530 H	58 H	17 H	57 H	2200 H	280 H	4100	4400	4400	4000	3800	4200	400 J-	520 J-

Table 5. Soil Summary - General Chemis
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		Site Area	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	J2Landfill	J2Landfill	J2Landfill	NortheastProperty	NortheastProperty	NortheastProperty
		Location	HP1-1	HP1-1	HP1-1	HP1-3	HP1-3	HP1-3	HP1-4	HP1-4	HP1-4	HP1-5	HP1-5	HP1-6	HP1-6	J2-SS-1	J2-SS-2	J2-SS-3	NE-B-1	NE-B-1	NE-B-1
		Sample Name	HP1-1-2	HP1-2-1	HP1-2-2	HP1-3-1	HP1-3-2	HP1-3-3	DUP 2	HP1-4-1	HP1-4-2	HP1-5-1	HP1-5-2	HP1-6-1	HP1-6-2	J2-SS-1_SS	J2-SS-2_SS	J2-SS-3_SS	NE-B-1_SS	NE-B-1_SUB	NE-B-1_SUB DUP
		Start Depth	1.8	0	2	0	1.1	2	1.9	0	1.9	0	1.9	0	2	0	0	0	0	8.5	8.5
		End Depth	2.3	1	2.5	1	1.5	2.5	2.5	1	2.5	1	2.5	1	2.5	0.5	0.5	0.5	0.5	13.5	13.5
		Depth Units	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft	ft	ft	ft	ft	ft
		Sample Date	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	11/21/2013	11/21/2013	11/21/2013	11/22/2013	11/22/2013	11/22/2013
		Parent Sample							HP1-4-2_07/10/13												NE-B-1_SS_11/22/13
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																			
Chloride	mg/Kg		7200 J-	7000 J-	7400 J-	8100 J-	13000 J-	8500 J-	9400 J-	8200 J-	8100 J-	16000 J-	15000 J-	7900 J-	5000 J-	4300	6600	2700	18000	3700	4000
Nitrate as Nitrogen	mg/Kg	100000	200 J-	220 J-	210 J-	190 J-	290 J-	190 J-	280 J-	260 J-	240 J-	4.2 J-	4.3 J-	260 J-	150 J-	33	2.2	20	8.6	9.3	11
Sulfate	mg/Kg		410 J-	170 J-	130 J-	210 J-	140 J-	170 J-	340 J-	310 J-	410 J-	2600 J-	11000 J-	240 J-	180 J-	2900	2100	1700	220	690	610

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		Site Area	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea
		Location	NE-B-2	NE-B-2	NE-B-3	NE-B-3	NE-B-3	NE-B-4	NE-B-4	NE-B-4	NE-B-5	NE-B-5	NS-B-1	NS-B-1	NS-B-2	NS-B-2	NS-B-3
		Sample Name	NE-B-2_SS	NE-B-2_SUB	NE-B-3_SS	NE-B-3_SUB	NE-B-3_SUB DUP	NE-B-4_SS	NE-B-4_SUB	NE-B-4_SUB DUP	NE-B-5_SS	NE-B-5_SUB	NS-B-1_SS	NS-B-1_SUB	NS-B-2_SS	NS-B-2_SUB	NS-B-3_SS
		Start Depth	0	10	0	10	10	0	1	1	0	1	0	10	0	3	0
		End Depth	0.5	15	0.5	15	15	0.5	6	6	0.5	6	0.5	15	0.5	8	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/22/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013	12/4/2013	12/4/2013	12/4/2013	12/4/2013	12/4/2013	11/13/2013	11/13/2013	11/13/2013	11/13/2013	11/14/2013
		Parent Sample					NE-B-3_SS_11/22/13			NE-B-4_SUB_12/04/13							
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**															
Chloride	mg/Kg		420	470	5400	330	290	6400 H	610 H	850 H	1700 H	76 H	6700	690	2100	420	190 J+
Nitrate as Nitrogen	mg/Kg	100000	2.9	4.5	32	3.1	2.8	38 H	12 H	17 H	29 H	2.7 H	140	25	32	6.8	5.6
Sulfate	mg/Kg		85	120	1800	130	130	1400 H	750 H	1200 H	460 H	94 H	330	160	500	140	200

Table 5. Soil Summary - General Chemis
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		Site Area	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas
		Location	NS-B-3	NS-B-4	NS-B-4	NS-B-5	NS-SS-1	NS-SS-5	P-B-1	P-B-1	P-B-10	P-B-10	P-B-11	P-B-11	P-B-12	P-B-12	P-B-2	P-B-2	P-B-3	P-B-3	P-B-4	P-B-4
		Sample Name	NS-B-3_SUB	NS-B-4_SS	NS-B-4_SUB	NS-B-5	NS-SS-1_SS	NS-SS-5_SS	P-B-1_SS	P-B-1_SUB	P-B-10_SS	P-B-10_SUB	P-B-11_SS	P-B-11_SUB	P-B-12_DEEP	P-B-12_SHALLOW	P-B-2_SS	P-B-2_SUB	P-B-3_SS	P-B-3_SUB	P-B-4_SS	P-B-4_SUB
		Start Depth	10	0	10	0	0	0	0	10	0	2	0	5	0	18	0	7	0	4	0	10
		End Depth	15	0.5	15	15	0.5	0.5	0.5	15	0.5	5	0.5	6	0.5	23	0.5	12	0.5	9	0.5	15
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/14/2013	11/14/2013	11/14/2013	12/13/2013	11/20/2013	11/20/2013	11/14/2013	11/14/2013	12/11/2013	12/11/2013	12/11/2013	12/11/2013	12/5/2013	12/5/2013	11/18/2013	11/18/2013	11/18/2013	11/18/2013	12/3/2013	12/3/2013
		Parent Sample																				
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																				
Chloride	mg/Kg		200	18	820	510 H	350	22	260	400	5000 H	1600 H	150 H	310 H	970 H	1300 H	20000	1700	8400	1200	1200 H	2100 H
Nitrate as Nitrogen	mg/Kg	100000	3.3	0.57	32	8.5 H	7.9	1.7	12	5.2	79 H	26 H	0.63 H	12 H	13 H	16 H	570	37 J+	100	26 J+	31 H	48 H
Sulfate	mg/Kg		160	64	210	160 H	97	39	170	250	2100 H	210 H	26 H	260 H	74 H	590 H	1500	520	3700	380	1400 H	220 H

Table 5. Soil Summary - General Chemis
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		Site Area	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	SpentCausticLagoon	SpentCausticLagoon	SpentCausticLagoon
		Location	P-B-5	P-B-5	P-B-6	P-B-6	P-B-7	P-B-7	P-B-7	PA-SS-1	PA-SS-2	PA-SS-2	PA-SS-3	PA-SS-4	PA-SS-5	PA-SS-6	PA-SS-7	PA-SS-8	SC-SS-1	SC-SS-1	SC-SS-2
		Sample Name	P-B-5_SS	P-B-5_SUB	P-B-6_SS	P-B-6_SUB	P-B-7_SS	P-B-7_SS DUP	P-B-7_SUB	PA-SS-1_SS	PA-SS-2_SS	PA-SS-2_SS DUP	PA-SS-3_SS	PA-SS-4_SS	PA-SS-5_SS	PA-SS-6_SS	PA-SS-7_SS	PA-SS-8_SS	SC-SS-1_DUP	SC-SS-1_SS	SC-SS-2_SS
		Start Depth	0	10	0	3.5	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	0.5	15	0.5	8.5	0.5	0.5	14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/2/2013	12/2/2013	11/15/2013	11/15/2013	12/2/2013	12/2/2013	12/2/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/6/2013	12/6/2013	12/6/2013
		Parent Sample						P-B-7_SS_12/02/13				PA-SS-2_SS_12/13/13							SC-SS-1_SS_12/06/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																			
Chloride	mg/Kg		22 H	350 H	1300	4100	1100 H	1500 H	370 H	3600 H	270 H	790 H	110 H	970 H	1300 H	3600 H	31 H	290 H	17000 H	13000 H	11000 H
Nitrate as Nitrogen	mg/Kg	100000	0.63 H	11 H	7.4	9.5 J+	19 H	26 H	7.6 H	7.7 H	1.1 H	3 H	0.83 H	23 H	21 H	1.6 H	0.22 H	5.4 H	1.4 H	1.5 H	2.5 H
Sulfate	mg/Kg		360 H	550 H	170	490	1000 H	1300 H	210 H	160 H	210 H	270 H	220 H	570 H	130 H	260 H	380 H	3900 H	12000 H	6500 H	7500 H

Table 5. Soil Summary - General Chemis
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		Site Area	SW1	SW1	SW1	SW1	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement
		Location	SW-B-1Comp	SW-B-1Comp	SW-B-2Comp	SW-B-3Comp	FM-B-1	FM-B-1	FM-B-1	FM-B-2	FM-B-2	FM-B-2	LS-B-1	NS-B-5	SW-B-1	SW-B-2	SW-B-3	SW-B-4
		Sample Name	SW-1 1E	SW-1 Dup.	SW-1 2E	SW-1 3E	FM-B-1 0-2	FM-B-1 13-15	FM-B-1 2-4	FM-B-2 0-2	FM-B-2 13-15	FM-B-2 2-4	LS-B-1	NS-B-5	SW-B-1	SW-B-2	SW-B-3	SW-B-4
		Start Depth	0	0	0	0	0	13	2	0	13	2	0	0	0	0	0	0
		End Depth	5	5	5	5	2	15	4	2	15	4	15	15	30	29	30	30
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	8/15/2013	8/15/2013	8/15/2013	8/15/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/13/2013	12/13/2013	12/16/2013	12/16/2013	12/17/2013	12/17/2013
		Parent Sample		SW-1 1E_08/15/13														
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
Chloride	mg/Kg		230000	220000	180000	200000	46 H	16 H	32 H	1000 H	94 H	160 H	370 H	510 H	39 J	54 J	98 J	95 J
Nitrate as Nitrogen	mg/Kg	100000	2500	2300	1100	1100	1.4 H	0.27 H	0.76 H	0.65 H	0.21 H	0.34 H	2.6 H	8.5 H	0.95 J-	0.85 J-	0.73 J-	5.2 J-
Sulfate	mg/Kg		9200	6800	3400	14000	210 H	80 H	160 H	1800 H	67 H	51 H	160 H	160 H	49 J-	53 J-	35 J-	190 J-

Table 5. Soil Summary - General Chemis
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		Site Area	SoilManagement	SoilManagement
		Location	TR-B-1	TR-B-2
		Sample Name	TR-B-1	TR-B-2
		Start Depth	0	0
		End Depth	30	30
		Depth Units	ft	ft
		Sample Date	12/13/2013	12/16/2013
		Parent Sample		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**		
Chloride	mg/Kg		280 H	370 J
Nitrate as Nitrogen	mg/Kg	100000	1.3 H	8.1 J-
Sulfate	mg/Kg		150 H	130 J-

Table 6. Soil Summary - Metals
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		Site Area	Boneyard	Boneyard	Boneyard	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches
		Location	BY-SS-1	BY-SS-2	BY-SS-3	BY-SS-3	BY-SS-4	DD-B-1	DD-B-1	DD-B-10	DD-B-10	DD-B-10	DD-B-2	DD-B-2	DD-B-3	DD-B-3	DD-B-4	DD-B-4	DD-B-5
		Sample Name	BY-SS-1_SS	BY-SS-2_SS	BY-SS-3_SS	BY-SS-3_SS DUP	BY-SS-4_SS	DD-B-1_SS	DD-B-1_SUB	DD-B-10_SS	DD-B-10_SUB	DD-B-10_SUB DUP	DD-B-2_SS	DD-B-2_SUB	DD-B-3_SS	DD-B-3_SUB	DD-B-4_SS	DD-B-4_SUB	DD-B-5_SS
		Start Depth	0	0	0	0	0	0	10	0	10	10	0	10	0	10	0	5.5	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	15	0.5	15	15	0.5	15	0.5	15	0.5	10.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/14/2013	11/14/2013	12/4/2013	12/4/2013	12/4/2013	11/14/2013	11/14/2013	11/14/2013	11/14/2013	12/2/2013	12/2/2013	11/13/2013
		Parent Sample				BY-SS-3_SS_11/20/13						DD-B-10_SUB_12/04/13							
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
Aluminum	mg/Kg	100000	7700	6900	11000	8600	6700	3100	7400	12000	18000	13000	9400	7300	7500	7900	12000	12000	9900
Antimony	mg/Kg	454	2.8 U	1.1 U	3 U	16 U	3.2 U	1.2 UJ-	1.3 UJ-	3.1 U	3.3 U	3.2 U	1.3 UJ-	1.3 UJ-	1.3 UJ-	1.4 UJ-	3.5 U	3.2 U	3.2 UJ-
Barium	mg/Kg	100000	170	150	210	290	130	930 J+	170 J+	220	170	200	260 J+	130 J+	150 J+	200 J+	290	170	350 J-
Beryllium	mg/Kg	2230	0.73 U	0.52 J	0.8 U	4.3 U	0.84 U	0.63 J	0.64 J	0.77 U	0.86 U	0.87 U	0.96 J	0.61 J	0.68 J	0.66 J	0.92 U	0.85 U	0.83 U
Cadmium	mg/Kg	1110	0.43 U	0.17 U	0.47 U	2.5 U	0.5 U	0.19 U	0.21 U	0.46 U	0.51 U	0.51 U	0.35 J	0.2 U	0.2 U	0.21 U	0.54 U	0.5 U	0.54 J
Calcium	mg/Kg		20000	16000	24000	87000	16000	6700	20000	20000	28000	27000	27000	35000	8300	25000	28000	20000	21000
Chromium	mg/Kg	**1360**	32	12	15	14 J	13	3	13	17	14	15	20	11	16	15	170	17	46
Cobalt	mg/Kg	337	16 J	9	9.2 J	24 U	11 J	3.1 J	7 J	10 J	11 J	9.4 J	18	6.7 J	9 J	7.2 J	14 J	8.9 J	19 J
Copper	mg/Kg	42200	64	22	21	19 J	17	40	14	23	21	17	33	13	20	14	89	18	44
Iron	mg/Kg	100000	16000	14000	15000	13000	12000	9700	12000	18000	17000	17000	14000	12000	13000	13000	16000	18000	13000
Lead	mg/Kg	800	25	17	17	15 J	10	27	7.8	17	9.3	10	26	6.7	13	6.7	42	10	26
Magnesium	mg/Kg	100000	10000	12000	12000	20000	5700	3300	8600	10000	11000	10000	9200	8200	8000	10000	14000	10000	11000
Manganese	mg/Kg	**24900**	1700	710	570	530	340	260	550	720	420	400	3000	240	640	760	2000	360	2600
Nickel	mg/Kg	21800	26	16	17 J	15 J	19 J	2.8 J	14	19	20	18 J	18	12	16	14	30	18 J	27
Potassium	mg/Kg		1500 J	1900 J	3300	8500 U	1700 U	760 J	1700 J+	3100 U	3400 U	3500 U	2300 J+	1500 J+	2700 J+	1500 J+	2200 J	2100 J	2200 J
Selenium	mg/Kg	5680	1.3 U	0.5 U	1.4 U	7.3 U	1.4 U	0.55 UJ-	0.79 J	1.3 U	1.5 U	1.5 U	1.6 J	0.56 UJ-	0.82 J	0.89 J	1.6 U	1.5 U	1.5 J
Silver	mg/Kg	5680	1 U	0.4 U	1.1 U	5.9 U	1.2 U	0.45 U	0.49 U	1.1 U	1.2 U	1.2 U	0.48 U	0.46 U	0.47 U	0.5 U	5.2 J	1.2 U	1.2 U
Sodium	mg/Kg		670	890	4500	2900	1700	110 J	370	830 J	6000	1400	190 J	1100	230	520	890	850	470 J
Titanium	mg/Kg	100000	960	590	840	720	670	290	550	610	740	540	1400	480	500	560	3000	1100	1100
Vanadium	mg/Kg	5680	58	34	37	35 J	32	14	33	48	45	44	40	34	32	35	320	56	77
Zinc	mg/Kg	100000	62	50	47	56 J	39	51	29	47	47	41	61	29	40	31	85	45	60
Arsenic	mg/Kg	283	3.8 J	5.2	3.5 J	3.4 J	2.7 J	8.4	7.1	4.3 J	3.4 J	5.2	4.6 J	10	4.9 J	6.8	4.8 J	4.5 J	4.3 J
Niobium	mg/Kg	**114**	10 J	2.4 J	2 J	2.2 J	2.9 JB	1.8 UJ	2 UJ	6.9 J	2 U	1.7 U	4.1 J	1.9 UJ	1.9 UJ	2 UJ	**160**	12 J	50
Thallium	mg/Kg	74.9	0.66 U	0.66 U	0.72 U	0.77 U	0.76 U	0.73 U	0.79 U	0.7 U	0.77 U	0.78 U	1.2 J	0.74 U	0.76 U	0.81 U	0.83 U	0.77 U	0.76 U
Uranium	mg/Kg	3400	1.5	1.3	0.73	0.76	0.75	2.6	1.7	1.1	1.1	1.5	1.4	2	1.2	1.6	21	1.3	4.5
Mercury	mg/Kg	182	0.062	0.024 J	0.019 J	0.019 J	0.012 J	0.01 U	0.019 J	0.027 J	0.029 JB	0.011 U	0.047	0.011 U	0.016 J	0.012 U	0.22	0.017 J	0.045

Table 6. Soil Summary - Metals
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		Site Area	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	HP1	HP1
		Location	DD-B-5	DD-B-6	DD-B-6	DD-B-7	DD-B-7	DD-B-8	DD-B-8	DD-B-9	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	HP1-1	HP1-1
		Sample Name	DD-B-5_SUB	DD-B-6_SS	DD-B-6_SUB	DD-B-7_SS	DD-B-7_SUB	DD-B-8_SS	DD-B-8_SUB	DD-B-9_SS	DD-B-9_SUB	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	DUP	HP1-1-1
		Start Depth	9	0	10	0	10	0	10	0	10	0	0	0	0	0	0	0	0
		End Depth	14	0.5	15	0.5	15	0.5	15	0.5	15	0.5	0.5	0.5	0.5	0.5	0.5	1	1
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft below liner	ft below liner
		Sample Date	11/13/2013	12/3/2013	12/3/2013	12/6/2013	12/6/2013	12/4/2013	12/4/2013	12/3/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/10/2013	7/10/2013
		Parent Sample											FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13			HP1-1-1_07/10/13	
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
Aluminum	mg/Kg	100000	9500	11000	11000	12000	9800	12000	13000	9500	8900	9100	8400	8600	8700	5200	7900	--	--
Antimony	mg/Kg	454	3.3 UJ-	3.4 U	3.3 U	3.4 U	3.4 U	3 U	3 U	3.3 U	3.2 U	2.8 U	3 U	3 U	3 U	3 U	3.1 U	--	--
Barium	mg/Kg	100000	160 J-	180	140	350	200	230	240	210	130	170	150	180	170	110	150	--	--
Beryllium	mg/Kg	2230	0.87 U	0.88 U*	0.88 U*	0.9 U	0.9 U	0.8 U	0.86 U	0.86 U*	0.84 U*	0.74 U	0.79 U	0.78 U	0.78 U	0.79 U	0.83 U	--	--
Cadmium	mg/Kg	1110	0.52 U	0.52 U	0.52 U	0.8 J	0.53 U	0.48 U	0.51 U	0.51 U	0.49 U	0.44 U	0.47 U	0.46 U	0.46 U	0.47 U	0.49 U	--	--
Calcium	mg/Kg		25000	16000	26000	30000	35000	20000	27000	19000	26000	22000	20000	17000	16000	18000	13000	--	--
Chromium	mg/Kg	**1360**	11	49	11	70	12	19	15	38	13	68	59	49	35	290	98	--	--
Cobalt	mg/Kg	337	9.3 J	9 J	8.9 J	17 J	7.7 J	11 J	9.7 J	9.7 J	7.4 J	9.1 J	8.6 J	10 J	10 J	8.6 J	10 J	--	--
Copper	mg/Kg	42200	16	19	17	200	18	26	19	48	16	19	17	19	18	54	19	--	--
Iron	mg/Kg	100000	13000	16000	15000	17000	14000	17000	16000	13000	13000	13000	13000	14000	14000	7800	12000	--	--
Lead	mg/Kg	800	9.1	58	8.1	37	9.4	22	12	16	8.2	18	17	14	12	26	17	--	--
Magnesium	mg/Kg	100000	8300	11000	11000	11000	7800	11000	10000	8400	7900	8500	7300	6700	7000	4400	6300	--	--
Manganese	mg/Kg	**24900**	340	1200 *	330 *	2800	340	690	500	800 *	270 *	500	460	510	550	330	480	--	--
Nickel	mg/Kg	21800	17 J	32	18 J	43	15 J	21	18 J	17 J	15 J	18	17 J	17 J	18	15 J	19 J	--	--
Potassium	mg/Kg		1700 U	3500 U	3500 U	3200	2200 J	3200 U	3400 U	3400 U	3300 U	2400	2200 J	2000 J	2100 J	1600 U	1700 U	--	--
Selenium	mg/Kg	5680	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.4 U	1.3 U	1.4 U	1.3 U	1.3 U	1.4 U	1.4 U	--	--
Silver	mg/Kg	5680	1.2 U	1.2 U	1.2 U	1.8 J	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 J	1.1 U	1.1 U	1.1 U	17	2.1 J	--	--
Sodium	mg/Kg		600 J+	750 J	800 J	1200	1000 J	630 J	960 J	1900	1100	840	810	450 J	450 J	570	820	--	--
Titanium	mg/Kg	100000	670	920	810	2400	830	660	530	1200	720	1500	1500	1100	1000	3200	1500	--	--
Vanadium	mg/Kg	5680	30	150	43	140	40	56	44	71	37	160	140	94	71	470	140	--	--
Zinc	mg/Kg	100000	34 J+	52	37	180	38	53	40	45	35	38	33	43	40	29	52	--	--
Arsenic	mg/Kg	283	5.8	4.4 J	4.2 J	5.1 J	4.6 J	3.8 J	5.1	4.9 J	5	3 J	2.8 J	2.9 J	2.5 J	1.4 J	2.6 J	4.8 J-	5.1 J-
Niobium	mg/Kg	**114**	1.8 U	25	6.7 J	60	2 U	29	2.6 J	41	8.9 J	45	46	30	24	**300 B**	66	0.67 J	0.79 J
Thallium	mg/Kg	74.9	0.72 U	0.8 U	0.79 U	0.81 U	0.81 U	0.72 U	0.78 U	0.78 U	0.75 U	0.67 U	0.71 U	0.7 U	0.7 U	0.71 U	0.75 U	0.11 J-	0.12 J-
Uranium	mg/Kg	3400	1.3	8.3	1.5	2.7	1.3	1.6	1.6	6	1.6	11	9.6	6.2	4	48	15	0.9 J-	0.87 J-
Mercury	mg/Kg	182	0.011 U	0.026 J	0.011 U	0.39 B	0.012 J	0.022 J	0.011 U	0.038	0.013 J	0.021 J	0.031	0.029 J	0.028 J	0.086	0.055	--	--

Table 6. Soil Summary - Metals
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		Site Area	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	J2Landfill	J2Landfill	J2Landfill	NortheastProperty	NortheastProperty	NortheastProperty
		Location	HP1-1	HP1-1	HP1-1	HP1-3	HP1-3	HP1-3	HP1-4	HP1-4	HP1-4	HP1-5	HP1-5	HP1-6	HP1-6	J2-SS-1	J2-SS-2	J2-SS-3	NE-B-1	NE-B-1	NE-B-1
		Sample Name	HP1-1-2	HP1-2-1	HP1-2-2	HP1-3-1	HP1-3-2	HP1-3-3	DUP 2	HP1-4-1	HP1-4-2	HP1-5-1	HP1-5-2	HP1-6-1	HP1-6-2	J2-SS-1_SS	J2-SS-2_SS	J2-SS-3_SS	NE-B-1_SS	NE-B-1_SUB	NE-B-1_SUB DUP
		Start Depth	1.8	0	2	0	1.1	2	1.9	0	1.9	0	1.9	0	2	0	0	0	0	8.5	8.5
		End Depth	2.3	1	2.5	1	1.5	2.5	2.5	1	2.5	1	2.5	1	2.5	0.5	0.5	0.5	0.5	13.5	13.5
		Depth Units	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft	ft	ft	ft	ft	ft
		Sample Date	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	11/21/2013	11/21/2013	11/21/2013	11/22/2013	11/22/2013	11/22/2013
		Parent Sample							HP1-4-2_07/10/13												NE-B-1_SS_11/22/13
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																			
Aluminum	mg/Kg	100000	--	--	--	--	--	--	--	--	--	--	--	--	--	8300	6800	6900	5700	11000	8800
Antimony	mg/Kg	454	--	--	--	--	--	--	--	--	--	--	--	--	--	15 U	3 U	2.9 U	3.2 U	3.4 U	3.3 U
Barium	mg/Kg	100000	--	--	--	--	--	--	--	--	--	--	--	--	--	290	140	140	72	180	150
Beryllium	mg/Kg	2230	--	--	--	--	--	--	--	--	--	--	--	--	--	4 U	0.78 U	0.75 U	0.85 U	0.9 U	0.87 U
Cadmium	mg/Kg	1110	--	--	--	--	--	--	--	--	--	--	--	--	--	2.4 U	0.46 U	0.45 U	0.5 U	0.53 U	0.51 U
Calcium	mg/Kg		--	--	--	--	--	--	--	--	--	--	--	--	--	63000	22000	38000	17000	25000	29000
Chromium	mg/Kg	**1360**	--	--	--	--	--	--	--	--	--	--	--	--	--	270	19	18	7.8	12	11
Cobalt	mg/Kg	337	--	--	--	--	--	--	--	--	--	--	--	--	--	22 U	12 J	10 J	8.2 J	8.9 J	9 J
Copper	mg/Kg	42200	--	--	--	--	--	--	--	--	--	--	--	--	--	67	31	42	17	17	16
Iron	mg/Kg	100000	--	--	--	--	--	--	--	--	--	--	--	--	--	13000	10000	12000	9300	15000	12000
Lead	mg/Kg	800	--	--	--	--	--	--	--	--	--	--	--	--	--	31	12	19	7	10	8.5
Magnesium	mg/Kg	100000	--	--	--	--	--	--	--	--	--	--	--	--	--	16000	6100	12000	9700	9900	8800
Manganese	mg/Kg	**24900**	--	--	--	--	--	--	--	--	--	--	--	--	--	2300	1000	790	210	350	320
Nickel	mg/Kg	21800	--	--	--	--	--	--	--	--	--	--	--	--	--	63 J	18	19	16 J	17 J	16 J
Potassium	mg/Kg		--	--	--	--	--	--	--	--	--	--	--	--	--	8000 U	1600 U	1500 J	1700 U	2100 J	1700 J
Selenium	mg/Kg	5680	--	--	--	--	--	--	--	--	--	--	--	--	--	6.9 U	1.3 U	1.3 U	1.5 U	1.5 U	1.5 U
Silver	mg/Kg	5680	--	--	--	--	--	--	--	--	--	--	--	--	--	5.6 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U
Sodium	mg/Kg		--	--	--	--	--	--	--	--	--	--	--	--	--	1200 J	6700	820	400 J	960	690
Titanium	mg/Kg	100000	--	--	--	--	--	--	--	--	--	--	--	--	--	4500	840	1200	620	930	710
Vanadium	mg/Kg	5680	--	--	--	--	--	--	--	--	--	--	--	--	--	820	46	42	22 J	36	29
Zinc	mg/Kg	100000	--	--	--	--	--	--	--	--	--	--	--	--	--	85 J	44	43	36	39	37
Arsenic	mg/Kg	283	5 J-	4.5 J-	5.3 J-	3.4 J-	4.9 J-	4.4 J-	4.1 J-	4.1 J-	4.2 J-	3.4 J-	4.8 J-	3.6 J-	4.1 J-	5	3.9 J	4.4 J	4.6 J	4.2 J	6
Niobium	mg/Kg	**114**	0.43 J	2.3 J	0.49 J	0.65 J	1 J	0.53 J	0.45 J	0.71 J	0.44 J	0.59 J	0.42 J	0.41 J	0.46 J	**150 B**	7.5 JB	8.9 J	1.9 U	2 U	2 U
Thallium	mg/Kg	74.9	0.12 J-	0.17 J-	0.15 J-	0.097 J-	0.14 J-	0.12 J-	0.099 J-	0.2 J-	0.1 J-	0.089 J-	0.11 J-	0.1 J-	0.097 J-	0.72 U	0.7 U	0.68 U	0.76 U	0.81 U	0.78 U
Uranium	mg/Kg	3400	0.98 J-	0.82 J-	1.3 J-	0.62 J-	0.99 J-	0.8 J-	0.98 J-	0.67 J-	0.96 J-	1.4 J-	0.94 J-	1 J-	1.3 J-	13	1.3	1.2	1.3	0.95	1.2
Mercury	mg/Kg	182	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15	0.036	0.042	0.011 J	0.011 J	0.011 U

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		Site Area	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea
		Location	NE-B-2	NE-B-2	NE-B-3	NE-B-3	NE-B-3	NE-B-4	NE-B-4	NE-B-4	NE-B-5	NE-B-5	NS-B-1	NS-B-1	NS-B-2	NS-B-2	NS-B-3
		Sample Name	NE-B-2_SS	NE-B-2_SUB	NE-B-3_SS	NE-B-3_SUB	NE-B-3_SUB DUP	NE-B-4_SS	NE-B-4_SUB	NE-B-4_SUB DUP	NE-B-5_SS	NE-B-5_SUB	NS-B-1_SS	NS-B-1_SUB	NS-B-2_SS	NS-B-2_SUB	NS-B-3_SS
		Start Depth	0	10	0	10	10	0	1	1	0	1	0	10	0	3	0
		End Depth	0.5	15	0.5	15	15	0.5	6	6	0.5	6	0.5	15	0.5	8	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/22/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013	12/4/2013	12/4/2013	12/4/2013	12/4/2013	12/4/2013	11/13/2013	11/13/2013	11/13/2013	11/13/2013	11/14/2013
		Parent Sample					NE-B-3_SS_11/22/13			NE-B-4_SUB_12/04/13							
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**															
Aluminum	mg/Kg	100000	7800	9100	8100	7100	6800	9100	11000	11000	12000	12000	4600	7100	6200	8500	8100
Antimony	mg/Kg	454	3.3 U	3.6 U	3.4 U	3.4 U	3.4 U	3.2 U	3.2 U	3.1 U	3.4 U	3 U	3 UJ-	3.1 UJ-	3.4 UJ-	3.2 UJ-	1.5 J
Barium	mg/Kg	100000	140	140	130	110	110	210	180	220	210	220	1300 J-	150 J-	1200 J-	260 J-	580 J+
Beryllium	mg/Kg	2230	0.86 U	0.94 U	0.89 U	0.9 U	0.9 U	0.83 U	0.84 U	0.85 U	0.85 U	0.84 U	0.8 U	0.82 U	0.91 U	0.85 U	0.83 J
Cadmium	mg/Kg	1110	0.51 U	0.56 U	0.53 U	0.53 U	0.53 U	0.49 U	0.49 U	0.5 U	0.5 U	0.5 U	0.47 U	0.48 U	0.54 U	0.5 U	0.2 U
Calcium	mg/Kg		18000	27000	20000	29000	28000	26000	25000	30000	22000	32000	27000	29000	14000	27000	18000
Chromium	mg/Kg	**1360**	10	11	15	11	11	18	12	13	20	16	9	12	770	80	56
Cobalt	mg/Kg	337	9.8 J	9 J	9.8 J	9.5 J	9.3 J	8.4 J	7.4 J	9.5 J	9.2 J	8.6 J	8.3 J	8.4 J	15 J	8.2 J	14
Copper	mg/Kg	42200	18	17	24	15	16	39	17	16	140	19	43	13	33	16	29
Iron	mg/Kg	100000	12000	13000	13000	10000	9600	16000	14000	14000	16000	16000	11000	11000	12000	11000	15000
Lead	mg/Kg	800	8.6	8.1	11	8.1	7.4	79	11	12	59	11	27	8	58	15	45
Magnesium	mg/Kg	100000	5900	7500	9200	6300	5900	14000	9600	10000	13000	10000	7000	8500	7900	8300	8400
Manganese	mg/Kg	**24900**	320	280	360	220	230	1600	350	540	1200	440	420	250	880	370	1900
Nickel	mg/Kg	21800	15 J	16 J	20 J	16 J	16 J	21	16 J	16 J	28	18 J	7.8 J	14 J	30	16 J	18
Potassium	mg/Kg		1700 U	1900 U	2000 J	1800 U	1800 U	3300 U	3300 U	3400 U	3400 U	3400 U	1600 U	1600 U	1800 U	1700 J	2300 J+
Selenium	mg/Kg	5680	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.7 J	1.5 U	1.3 J
Silver	mg/Kg	5680	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.2 U	0.47 U
Sodium	mg/Kg		750	690	940	540	500 J	1000	860 J	1200	1300	850 J	510 J+	760 J+	1200 J+	1200 J+	260
Titanium	mg/Kg	100000	720	770	790	570	540	550	490	480	1100	520	520	570	2100	810	780
Vanadium	mg/Kg	5680	31	31	30	26 J	23 J	43	37	36	43	45	23 J	27	1400	170	52
Zinc	mg/Kg	100000	36	40	45	38	37	99	40	38	110	48	52	29 J+	54 J+	33 J+	50
Arsenic	mg/Kg	283	5.4	6.2	5.4	5.8	5.2 J	6.7	2.8 J	4.4 J	4.7 J	4.9 J	7.5	5.4	20	7.9	18
Niobium	mg/Kg	**114**	2.7 J	2.1 U	2.2 J	2 U	2 U	3.7 J	1.8 U	1.9 U	6.4 J	1.8 U	2.4 J	1.9 U	**140**	15	3.8 J
Thallium	mg/Kg	74.9	0.78 U	0.85 U	0.8 U	0.81 U	0.81 U	0.75 U	0.75 U	0.76 U	0.76 U	0.76 U	0.74 U	0.76 U	0.88 U	0.72 U	1 J
Uranium	mg/Kg	3400	1.3	1.8	1.3	1.3	1.4	1.3	0.78	1.2	1.1	1.6	2.2	1.7	9.3	2.5	1.8
Mercury	mg/Kg	182	0.011 J	0.012 J	0.022 J	0.012 J	0.012 J	0.022 J	0.011 J	0.011 J	0.065	0.014 J	0.012 J	0.011 U	0.27	0.029 J	0.055

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		Site Area	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas
		Location	NS-B-3	NS-B-4	NS-B-4	NS-B-5	NS-SS-1	NS-SS-2	NS-SS-3	NS-SS-4	NS-SS-5	P-B-1	P-B-1	P-B-10	P-B-10	P-B-11	P-B-11	P-B-12	P-B-12	P-B-2
		Sample Name	NS-B-3_SUB	NS-B-4_SS	NS-B-4_SUB	NS-B-5	NS-SS-1_SS	NS-SS-2_SS	NS-SS-3_SS	NS-SS-4_SS	NS-SS-5_SS	P-B-1_SS	P-B-1_SUB	P-B-10_SS	P-B-10_SUB	P-B-11_SS	P-B-11_SUB	P-B-12_DEEP	P-B-12_SHALLOW	P-B-2_SS
		Start Depth	10	0	10	0	0	0	0	0	0	0	10	0	2	0	5	0	18	0
		End Depth	15	0.5	15	15	0.5	0.5	0.5	0.5	0.5	0.5	15	0.5	5	0.5	6	0.5	23	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/14/2013	11/14/2013	11/14/2013	12/13/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/14/2013	11/14/2013	12/11/2013	12/11/2013	12/11/2013	12/11/2013	12/5/2013	12/5/2013	11/18/2013
		Parent Sample																		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																		
Aluminum	mg/Kg	100000	8500	4900	7900	8700	7400	6500	6500	7000	7800	6000	7400	6400	17000	8900	24000	11000	11000	4000
Antimony	mg/Kg	454	1.3 UJ-	1.2 J	1.2 UJ-	3.3 U	3.1 U	16 U	40 J	2.9 U	2.9 U	1.3 UJ-	1.3 UJ-	3.4 U	3.3 U	3.2 U	3.3 U	3.1 U	3 U	1.3 UJ-
Barium	mg/Kg	100000	160 J+	370 J+	170 J+	160	400	420	6100	350	130	540 J+	140 J+	160	190	160	170	200	310	220 J
Beryllium	mg/Kg	2230	0.69 J	0.85 J	0.65 J	0.87 U	0.81 U	4.3 U	8 U	0.76 U	0.77 U	0.72 J	0.63 J	0.89 U	0.87 U	0.84 U	1.9 J	0.82 U	0.79 U	0.57 J
Cadmium	mg/Kg	1110	0.21 U	0.18 U	0.19 U	0.52 U	0.48 U	2.5 U	4.7 U	0.45 U	0.46 U	0.2 U	0.2 U	0.53 U	0.52 U	0.5 U	0.51 U	0.49 U	0.47 U	0.2 U
Calcium	mg/Kg		37000	13000	40000	31000	14000	12000	170000	24000	14000	16000	21000	26000	4700	17000	4400	41000	20000	20000
Chromium	mg/Kg	**1360**	14	9.4	13	19	290	640	950	23	15	8.5	11	210	**1600**	76	170	19	230	19
Cobalt	mg/Kg	337	6.8 J	6.2 J	8.2 J	11 J	11 J	24 U	64 J	10 J	9.8 J	6.6 J	7.4 J	8 J	12 J	13 J	27	8 J	8.8 J	11
Copper	mg/Kg	42200	13	60	13	20	26	86	120	34	19	40	15	34	130	1000	89	16	55	25 J+
Iron	mg/Kg	100000	13000	13000	13000	12000	12000	10000	19000	13000	11000	13000	13000	11000	17000	12000	14000	14000	14000	13000 J-
Lead	mg/Kg	800	6.8	15	8	13	32	69	520	22	11	22	7	30	45	21	7.9	9.1	110	29
Magnesium	mg/Kg	100000	9800	5300	9100	9100	6800	4900	21000	7300	5500	6500	8500	6200	6900	6400	7600	9800	10000	14000 J-
Manganese	mg/Kg	**24900**	270	400	340	290	950	1000	**33000**	780	460	450	280	770	120	1300	170	500	2300	1300 J
Nickel	mg/Kg	21800	13	9.9	13	19 J	23	77 J	63 J	17 J	16 J	10	13	28	200	24	320	28	29	16
Potassium	mg/Kg		1600 J+	1200 J+	1500 J+	1700 J	1700 J	8500 U	16000 U	1800 J	2000 J	2000 J+	1200 J+	3500 U	3500 U	3400 U	3500 U	2300 J	3100	3400 U
Selenium	mg/Kg	5680	0.61 UJ-	0.53 J	0.56 UJ-	1.5 U	1.4 U	7.3 U	14 U	1.3 U	1.3 U	0.58 UJ-	0.59 UJ-	1.5 U	1.5 U	1.4 U	1.5 U	1.4 U	1.3 U	0.59 J
Silver	mg/Kg	5680	0.49 U	0.42 U	0.45 U	1.2 U	1.1 U	14 J	11 U	1 U	1.1 U	0.47 U	0.47 U	1.6 J	1.2 U	1.2 U	1.2 U	1.1 U	1.2 J	0.47 U
Sodium	mg/Kg		1100	310	770	3100	430 J	3000	2300 J	430 J	440 J	320	690	940 J	490 J	470 U	480 U	820 J	1100	690 J
Titanium	mg/Kg	100000	600	370	510	620	1000	5400	3800	720	650	480	490	1700	1600	1100	540	740	1500	870 J-
Vanadium	mg/Kg	5680	36	27	35	30	500	1100	600	54	37	28	33	460	4200	150	3300	89	520	51
Zinc	mg/Kg	100000	30	30	29	45	45	50 U	700	52	38	42	29	43	86	51	130	36	120	62
Arsenic	mg/Kg	283	8.8	9.5	6.5	7.1	8.6	2.9 J	200	5.4	3.1 J	6.5	6.5	6.4	5.5	5.7	5.3	6.3	14	7.2
Niobium	mg/Kg	**114**	2 UJ	1.7 UJ	1.8 UJ	2 U	21	**280 B**	38 B	13 B	3.7 J	1.9 UJ	1.9 UJ	83	66	41	2 U	2.8 J	37	3.8 J
Thallium	mg/Kg	74.9	0.8 U	0.68 U	0.73 U	0.78 U	0.73 U	0.76 U	42	0.68 U	0.7 U	0.76 U	0.77 U	0.8 U	0.79 U	0.76 U	0.78 U	0.74 U	0.71 U	0.77 U
Uranium	mg/Kg	3400	2.2	2.3	1.9	2.3	4.3	26	4.5	1.3	1	1.5	2.2	9.3	32	3.8	16	1.6	6.3	1.6
Mercury	mg/Kg	182	0.012 U	0.022 J	0.011 U	0.017 J	0.058	0.18	0.7	0.023 J	0.019 J	0.012 J	0.019 J	6	0.015 J	0.052	0.012 J	0.011 U	0.06	0.032 J

Table 6. Soil Summary - Metals
Conceptual Site Model - Additional Sampli
TIMET
Henderson, Nevada

		Site Area	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea
		Location	P-B-2	P-B-3	P-B-3	P-B-4	P-B-4	P-B-5	P-B-5	P-B-6	P-B-6	P-B-7	P-B-7	P-B-7	PA-SS-1	PA-SS-2	PA-SS-2	PA-SS-3	PA-SS-4	PA-SS-5	PA-SS-6	PA-SS-7	PA-SS-8
		Sample Name	P-B-2_SUB	P-B-3_SS	P-B-3_SUB	P-B-4_SS	P-B-4_SUB	P-B-5_SS	P-B-5_SUB	P-B-6_SS	P-B-6_SUB	P-B-7_SS	P-B-7_SS DUP	P-B-7_SUB	PA-SS-1_SS	PA-SS-2_SS	PA-SS-2_SS DUP	PA-SS-3_SS	PA-SS-4_SS	PA-SS-5_SS	PA-SS-6_SS	PA-SS-7_SS	PA-SS-8_SS
		Start Depth	7	0	4	0	10	0	10	0	3.5	0	0	10	0	0	0	0	0	0	0	0	0
		End Depth	12	0.5	9	0.5	15	0.5	15	0.5	8.5	0.5	0.5	14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/18/2013	11/18/2013	11/18/2013	12/3/2013	12/3/2013	12/2/2013	12/2/2013	11/15/2013	11/15/2013	12/2/2013	12/2/2013	12/2/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013
		Parent Sample											P-B-7_SS_12/02/13				PA-SS-2_SS_12/13/13						
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																					
Aluminum	mg/Kg	100000	2900	7200	4600	13000	11000	11000	9700	9000	7000	10000	11000	11000	8100	5600	6700	5200	7000	6300	5300	1100	8100
Antimony	mg/Kg	454	1.2 UJ-	1.8 J	1.2 UJ-	3.4 U	2.9 U	3.2 U	3.1 U	1.2 UJ-	1.2 UJ-	3.1 U	3.3 U	3 U	3 U	3.4 U	3.3 U	3.3 U	3.3 U	3.3 U	3.2 U	3.1 U	3.1 U
Barium	mg/Kg	100000	280 J	310 J	180 J	260	240	180	150	180 J	160 J	220	300	180	310	130	110	120	120	300	110	35	240
Beryllium	mg/Kg	2230	0.69 J	0.7 J	0.58 J	0.9 U*	0.77 U*	0.85 U	0.82 U	0.54 J	1.6 U	0.83 U	0.88 U	0.79 U	0.79 U	0.89 U	0.88 U	0.87 U	0.87 U	0.86 U	0.84 U	0.83 U	0.83 U
Cadmium	mg/Kg	1110	0.18 J	0.2 U	0.18 U	0.53 U	0.46 U	0.5 U	0.49 U	0.19 U	0.19 U	0.49 U	0.52 U	0.47 U	0.47 U	0.63 J	0.52 U	0.52 U	0.51 U	3.2	0.5 U	0.49 U	0.49 U
Calcium	mg/Kg		9200	22000	20000	28000	26000	30000	26000	16000	15000	29000	30000	22000	40000	49000	58000	74000	82000	38000	93000	250000	110000
Chromium	mg/Kg	**1360**	11	19	10	56	11	14	11	9.2	10	14	21	12	28	15	14	100	15	29	15	6.2	14
Cobalt	mg/Kg	337	8.6 J	9.8 J	8 J	11 J	7.6 J	8.6 J	8.3 J	11	9 J	11 J	10 J	7.6 J	11 J	8.9 J	8.8 J	9.7 J	8.8 J	9.4 J	7 J	4.6 U	5.5 J
Copper	mg/Kg	42200	19 J+	56	22 J+	25	27	19	16	21 J+	52	21	19	17	270	61	31	70	21	51	20	3.6 U	21
Iron	mg/Kg	100000	13000 J-	17000 J-	13000 J-	18000	16000	17000	16000	13000 J-	12000 J-	18000	17000	16000	12000	9100	10000	19000	10000	9800	9100	1800	11000
Lead	mg/Kg	800	41	27	11	21	17	10	16	11	35	18	18	8.9	74	22	28	82	13	120	31	3.4 J	13
Magnesium	mg/Kg	100000	9500 J-	12000 J-	7600 J-	12000	9800	11000	9200	8600 J-	7900 J-	11000	11000	9500	18000	11000	16000	19000	31000	6900	29000	64000	18000
Manganese	mg/Kg	**24900**	1700 J	730 J	460 J	1200 *	600 *	470	420	580 J	1300 J	890	890	380	520	770	390	630	260	930	590	77	440
Nickel	mg/Kg	21800	14	16	14	23	15 J	18 J	17 J	16	20	18 J	31	16 J	33	20 J	18 J	42	18 J	69	21	6.2 J	14 J
Potassium	mg/Kg		1500 U	3400 U	3100 U	3600 U	3100 U	2200 J	2400	3300 U	3200 U	2200 J	2200 J	2300	2600	1800 U	1900 J	1700 U	1700 J	2100 J	1700 U	1700 U	1800 J
Selenium	mg/Kg	5680	1.1 J	1 J	0.53 U	1.5 U	1.3 U	1.4 U	1.4 U	0.56 U	0.55 U	1.4 U	1.5 U	1.3 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U
Silver	mg/Kg	5680	0.42 U	0.47 U	0.43 U	1.2 U	1.1 U	1.2 U	1.1 U	0.45 U	0.45 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.5 J	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U
Sodium	mg/Kg		280 J	970 J	430 U	1300	790 J	1100	1100	650 J	3200	2000	2200	890	3200	990	1500 J	1200 J	980 J	3600	890	2300 U	1100
Titanium	mg/Kg	100000	1000 J-	840 J-	530 J-	2300	1100	980	840	560 J-	2600 J-	2000	2000	880	600	530	620	1900	560	620	560	41	510
Vanadium	mg/Kg	5680	41	47	32	170	42	44	39	33	33	52	52	41	29	36	46	190	28	23 J	30	12 J	31
Zinc	mg/Kg	100000	78	130	39	52	49	44	41	37	72	45	43	37	92	64	77	110	43	150	82	13 J	53
Arsenic	mg/Kg	283	5.1	6.8	4.4 J	5.6	4.2 J	4.2 J	4.1 J	3.4 J	6.9	4 J	4 J	3.9 J	4.8	4.4 J	4.4 J	4.4 J	5.4	8.6	6.1	6.1	7.3
Niobium	mg/Kg	**114**	1.7 UJ-	2.6 J	1.7 UJ-	15	1.7 U	1.9 U	1.9 U	2.2 J	4.7 J	4 J	3 J	1.8 U	4 J	9.7 J	4.7 J	72	2 U	2.4 J	3.5 J	1.9 U	4.7 J
Thallium	mg/Kg	74.9	0.69 U	0.76 U	0.69 U	0.81 U	0.69 U	0.76 U	0.74 U	0.73 U	0.9 J	0.75 U	0.79 U	0.71 U	0.71 U	0.8 U	0.79 U	0.79 U	0.78 U	0.78 U	0.75 U	0.74 U	0.75 U
Uranium	mg/Kg	3400	0.95	1.4	0.93	3.3	0.85	1.1	0.79	1	1.1	1.1	1.1	0.86	1.6	0.97	1.2	4.5	1.2	1.3	1.2	0.88	1.3
Mercury	mg/Kg	182	0.025 J	0.019 J	0.011 J	0.023 J	0.017 J	0.014 J	0.011 U	0.014 J	0.056	0.016 J	0.021 J	0.011 J	0.042	0.032 J	0.083	0.25	0.015 J	0.073	0.046	0.025 J	0.015 J

Table 6. Soil Summary - Metals
Conceptual Site Model - Additional Sampli
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		Site Area	SpentCausticLagoon	SpentCausticLagoon	SpentCausticLagoon	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement
		Location	SC-SS-1	SC-SS-1	SC-SS-2	FM-B-1	FM-B-1	FM-B-1	FM-B-2	FM-B-2	FM-B-2	LS-B-1	NS-B-5	SW-B-1	SW-B-2	SW-B-3	SW-B-4
		Sample Name	SC-SS-1_DUP	SC-SS-1_SS	SC-SS-2_SS	FM-B-1 0-2	FM-B-1 13-15	FM-B-1 2-4	FM-B-2 0-2	FM-B-2 13-15	FM-B-2 2-4	LS-B-1	NS-B-5	SW-B-1	SW-B-2	SW-B-3	SW-B-4
		Start Depth	0	0	0	0	13	2	0	13	2	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	2	15	4	2	15	4	15	15	30	29	30	30
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/6/2013	12/6/2013	12/6/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/13/2013	12/13/2013	12/16/2013	12/16/2013	12/17/2013	12/17/2013
		Parent Sample	SC-SS-1_SS_12/06/13														
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**															
Aluminum	mg/Kg	100000	12000	12000	8600	9000	7900	8900	6900	10000	10000	7800	8700	12000	12000	13000	12000
Antimony	mg/Kg	454	3.3 U	3 U	3.6 U	3.3 U	3.1 U	2.9 U	2.8 U	3.2 U	3 U	3.3 U	3.3 U	3.2 UJ-	3.2 UJ-	3.1 UJ-	3.3 UJ-
Barium	mg/Kg	100000	200	230	270	130	140	160	150	160	230	530	160	250	230	210	210
Beryllium	mg/Kg	2230	0.86 U	0.8 U	1.9 U	0.88 U	0.81 U	0.76 U	0.75 U	0.83 U	0.79 U	0.87 U	0.87 U	0.84 U	0.83 U	0.82 U	0.86 U
Cadmium	mg/Kg	1110	0.51 U	0.48 U	0.56 J	0.52 U	0.48 U	0.45 U	0.44 U	0.49 U	0.47 U	0.52 U	0.52 U	0.49 U	0.49 U	0.49 U	0.51 U
Calcium	mg/Kg		25000	33000	30000	14000	21000	18000	11000	18000	14000	38000	31000	24000 J	21000 J	23000 J	27000 J
Chromium	mg/Kg	**1360**	24	33	42	9.8	8.7	12	150	13	15	17	19	20	14	18	13
Cobalt	mg/Kg	337	11 J	12 J	23 J	9.1 J	7.4 J	9.9 J	7.1 J	8.5 J	9.1 J	9.7 J	11 J	10 J	9.1 J	9.8 J	9.6 J
Copper	mg/Kg	42200	26	27	74	18	15	18	23	19	16	30	20	19	21	26	18
Iron	mg/Kg	100000	16000	18000	13000	14000	10000	16000	9500	15000	16000	12000	12000	15000	16000	18000	17000
Lead	mg/Kg	800	18	27	38	7.5	7.3	9.6	12	8.1	9.7	17	13	11 J+	10 J+	11 J+	10 J+
Magnesium	mg/Kg	100000	11000	11000	11000	9000	7500	8300	5500	9600	7300	7600	9100	9100	8900	11000	10000
Manganese	mg/Kg	**24900**	1200	1400	3100	390	300	440	350	330	430	330	290	500	430	520	410
Nickel	mg/Kg	21800	18 J	19	40	21	15 J	18	15 J	17 J	16 J	18 J	19 J	20	18 J	19	17 J
Potassium	mg/Kg		1900 J	2100 J	1900 U	3500 U	3200 U	3000 U	3000 U	3300 U	3100 U	1700 U	1700 J	1800 J	1800 J	2200 J	1800 J
Selenium	mg/Kg	5680	1.5 U	1.4 U	1.6 U	1.5 U	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U	1.5 U	1.5 U	1.4 U	1.4 U	1.4 U	1.5 U
Silver	mg/Kg	5680	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U	1 U	1.6 J	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U
Sodium	mg/Kg		27000	29000	23000	670 J	550 J	760 J	630 J	860 J	790 J	930	3100	1000 J+	840 J+	670 J+	810 J+
Titanium	mg/Kg	100000	1100	1200	6900	640	480	810	1400	670	850	570	620	870	830	1100	910
Vanadium	mg/Kg	5680	71	83	110	33	28	42	220	40	45	30	30	68	48	52	44
Zinc	mg/Kg	100000	100	98	430	38	32	39	31	39	39	48	45	38 J+	39 J+	48 J+	42 J+
Arsenic	mg/Kg	283	4.7 J	4.7 J	4.1 J	3.7 J	5.2	4.9	3.3 J	5.3	3.8 J	7.7	7.1	6.8	5.4	4.4 J	6.7
Niobium	mg/Kg	**114**	8.2 J	7.8 J	37	2 U	1.8 U	1.9 J	**200**	1.9 U	7.1 J	2 U	2 U	2.3 J	1.9 UJ	6.4 J	1.9 UJ
Thallium	mg/Kg	74.9	0.77 U	0.72 U	0.85 U	0.79 U	0.72 U	0.68 U	0.67 U	0.75 U	0.71 U	0.79 U	0.78 U	0.75 U	0.75 U	0.74 U	0.77 U
Uranium	mg/Kg	3400	1.9	1.7	1.5	0.93	1.2	1.1	23	1.5	1.1	2.3	2.3	2.1	1.6	1.3	1.5
Mercury	mg/Kg	182	0.027 J	0.015 J	0.026 J	0.024 J	0.019 J	0.043	0.058	0.018 J	0.021 J	0.015 J	0.017 J	0.015 J	0.015 J	0.021 J	0.016 J

Table 6. Soil Summary - Metals
Conceptual Site Model - Additional Sampli
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Henderson, Nevada

		Site Area	SoilManagement	SoilManagement
		Location	TR-B-1	TR-B-2
		Sample Name	TR-B-1	TR-B-2
		Start Depth	0	0
		End Depth	30	30
		Depth Units	ft	ft
		Sample Date	12/13/2013	12/16/2013
		Parent Sample		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**		
Aluminum	mg/Kg	100000	8200	11000
Antimony	mg/Kg	454	2.9 U	3.4 UJ-
Barium	mg/Kg	100000	150	220
Beryllium	mg/Kg	2230	0.76 U	0.89 U
Cadmium	mg/Kg	1110	0.45 U	0.53 U
Calcium	mg/Kg		25000	25000 J
Chromium	mg/Kg	**1360**	20	11
Cobalt	mg/Kg	337	12 J	9.7 J
Copper	mg/Kg	42200	23	18
Iron	mg/Kg	100000	11000	16000
Lead	mg/Kg	800	12	11 J+
Magnesium	mg/Kg	100000	8100	12000
Manganese	mg/Kg	**24900**	260	520
Nickel	mg/Kg	21800	22	16 J
Potassium	mg/Kg		1700 J	2100 J
Selenium	mg/Kg	5680	1.3 U	1.5 U
Silver	mg/Kg	5680	1.1 U	1.2 U
Sodium	mg/Kg		980	830 J+
Titanium	mg/Kg	100000	580	860
Vanadium	mg/Kg	5680	35	42
Zinc	mg/Kg	100000	47	37 J+
Arsenic	mg/Kg	283	9.4	7.3
Niobium	mg/Kg	**114**	1.7 U	2 UJ
Thallium	mg/Kg	74.9	0.69 U	0.8 U
Uranium	mg/Kg	3400	2.3	2
Mercury	mg/Kg	182	0.011 J	0.015 J

Table 7. Soil Summary - PAHs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	HP1	HP1	HP1	HP1	J2Landfill	NortheastProperty	NorthStorageArea
		Location	BY-SS-3	BY-SS-3	DD-B-1	DD-B-4	DD-B-8	DD-B-9	FM-SS-2	FM-SS-2	FM-SS-3	HP1-1	HP1-4	HP1-4	HP1-6	J2-SS-2	NE-B-3	NS-SS-1
		Sample Name	BY-SS-3_SS	BY-SS-3_SS DUP	DD-B-1_SS	DD-B-4_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	HP1-1-2	DUP 2	HP1-4-2	HP1-6-2	J2-SS-2_SS	NE-B-3_SS	NS-SS-1_SS
		Start Depth	0	0	0	0	0	0	0	0	0	1.8	1.9	1.9	2	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.3	2.5	2.5	2.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft below liner	ft below liner	ft below liner	ft below liner	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/14/2013	12/2/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	11/21/2013	11/22/2013	11/20/2013
		Parent Sample		BY-SS-3_SS_11/20/13						FM-SS-2_SS_11/20/13			HP1-4-2_07/10/13					
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
Acenaphthene	mg/Kg	2560	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Acenaphthylene	mg/Kg	147	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Anthracene	mg/Kg	9920	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Benzo(a)anthracene	mg/Kg	2.34	0.035 U	0.034 U	0.034 U	0.075 J	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Benzo(a)pyrene	mg/Kg	0.23	0.035 U*	0.034 U*	0.034 U	0.089 J	0.035 U	0.036 U	0.034 U*	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Benzo(b)fluoranthene	mg/Kg	2.34	0.035 U*	0.034 U*	0.034 U	0.15 J	0.035 U	0.036 U	0.034 U*	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.039 J	0.036 U	0.035 U
Benzo(g,h,i)perylene	mg/Kg	34100	0.035 U*	0.034 U*	0.034 U	0.098 J	0.035 U	0.036 U	0.034 U*	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Benzo(k)fluoranthene	mg/Kg	23.4	0.035 U*	0.034 U*	0.034 U	0.055 J	0.035 U	0.036 U	0.034 U*	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Chrysene	mg/Kg	234	0.035 U	0.034 U	0.034 U	0.098 J	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Dibenz(a,h)anthracene	mg/Kg	0.23	0.035 U*	0.034 U*	0.034 U	0.037 U	0.035 U	0.036 U	0.034 U*	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Fluoranthene	mg/Kg	24400	0.035 U	0.034 U	0.034 U	0.088 J	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Fluorene	mg/Kg	3670	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Indeno(1,2,3-cd)pyrene	mg/Kg	2.34	0.035 U*	0.034 U*	0.034 U	0.092 J	0.035 U	0.036 U	0.034 U*	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Naphthalene	mg/Kg	17.4	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Phenanthrene	mg/Kg	24.5	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U	0.036 U	0.034 U	0.034 U	0.034 U	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U	0.036 U	0.035 U
Pyrene	mg/Kg	19300	0.035 U*	0.034 U*	0.034 U	0.092 J	0.035 U	0.036 U	0.034 U*	0.034 U*	0.034 U*	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.36 UJ-	0.035 U*	0.036 U	0.035 U*

Table 7. Soil Summary - PAHs
Conceptual Site Model - Additional Sampling 201
TIMET
Henderson, Nevada

		Site Area	NorthStorageArea	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	S17	S17	SW1	SW1	SW1	SW1
		Location	NS-SS-5	P-B-10	P-B-12	P-B-3	PA-SS-1	PA-SS-7	S17-SS-1	S17-SS-2	SW-B-1Comp	SW-B-1Comp	SW-B-2Comp	SW-B-3Comp
		Sample Name	NS-SS-5_SS	P-B-10_SS	P-B-12_SHALLOW	P-B-3_SS	PA-SS-1_SS	PA-SS-7_SS	S17-SS-1_SS	S17-SS-2_SS	SW-1 1E	SW-1 Dup.	SW-1 2E	SW-1 3E
		Start Depth	0	0	18	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	23	0.5	0.5	0.5	0.5	0.5	5	5	5	5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	12/11/2013	12/5/2013	11/18/2013	12/13/2013	12/13/2013	11/21/2013	11/21/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
		Parent Sample										SW-1 1E_08/15/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**												
Acenaphthene	mg/Kg	2560	0.034 U	0.036 U	0.035 U	0.034 U	0.072 U	0.067 U	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Acenaphthylene	mg/Kg	147	0.034 U	0.036 U	0.035 U	0.034 U	0.072 U	0.067 U	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Anthracene	mg/Kg	9920	0.034 U	0.036 U	0.035 U	0.034 U	0.072 U	0.067 U	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Benzo(a)anthracene	mg/Kg	2.34	0.034 U	0.036 U	0.087 J	0.034 U	0.24 J	0.067 U	0.034 U	0.037 J	0.67 U	0.68 U	0.63 U	0.64 U
Benzo(a)pyrene	mg/Kg	0.23	0.034 U	0.036 U	0.06 J	0.034 U	0.13 J	0.067 U	0.034 U	0.043 J	0.67 U	0.68 U	0.63 U	0.64 U
Benzo(b)fluoranthene	mg/Kg	2.34	0.034 U	0.036 U	0.11 J	0.034 U	0.4 J	0.097 J	0.034 U	0.081 J	0.67 U	0.68 U	0.63 U	0.64 U
Benzo(g,h,i)perylene	mg/Kg	34100	0.034 U	0.036 U	0.058 J	0.034 U	0.075 J	0.1 J	0.034 U	0.039 J	0.67 U	0.68 U	0.63 U	0.64 U
Benzo(k)fluoranthene	mg/Kg	23.4	0.034 U	0.036 U	0.038 J	0.034 U	0.095 J	0.067 U	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Chrysene	mg/Kg	234	0.034 U	0.036 U	0.11 J	0.034 U	0.41 J	0.17 J	0.034 U	0.042 J	0.67 U	0.68 U	0.63 U	0.64 U
Dibenz(a,h)anthracene	mg/Kg	0.23	0.034 U	0.036 U	0.035 U	0.034 U	0.072 U	0.067 U	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Fluoranthene	mg/Kg	24400	0.034 U	0.036 U	0.16 J	0.034 U	0.57 J	0.067 U	0.034 U	0.045 J	0.67 U	0.68 U	0.63 U	0.64 U
Fluorene	mg/Kg	3670	0.034 U	0.036 U	0.035 U	0.034 U	0.072 U	0.067 U	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Indeno(1,2,3-cd)pyrene	mg/Kg	2.34	0.034 U	0.036 U	0.055 J	0.034 U	0.072 U	0.067 U	0.034 U	0.036 J	0.67 U	0.68 U	0.63 U	0.64 U
Naphthalene	mg/Kg	17.4	0.034 U	0.036 U	0.035 U	0.034 U	0.072 U	0.067 U	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Phenanthrene	mg/Kg	24.5	0.034 U	0.036 U	0.035 U	0.034 U	0.28 J	0.13 J	0.034 U	0.034 U	0.67 U	0.68 U	0.63 U	0.64 U
Pyrene	mg/Kg	19300	0.034 U*	0.036 U	0.13 J	0.034 U	0.36 J	0.068 J	0.034 U*	0.049 J*	0.67 U	0.68 U	0.63 U	0.64 U

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn
		Location	BY-SS-1	BY-SS-3	BY-SS-3	DD-B-1	DD-B-10	DD-B-2	DD-B-3	DD-B-4	DD-B-5	DD-B-5	DD-B-6	DD-B-7	DD-B-8	DD-B-9	FM-SS-1	FM-SS-1
		Sample Name	BY-SS-1_SS	BY-SS-3_SS	BY-SS-3_SS DUP	DD-B-1_SS	DD-B-10_SS	DD-B-2_SS	DD-B-3_SS	DD-B-4_SS	DD-B-5 Waste Class	DD-B-5_SS	DD-B-6_SS	DD-B-7_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-1_SS	FM-SS-1_SS DUP
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/14/2013	12/4/2013	11/14/2013	11/14/2013	12/2/2013	11/13/2013	11/13/2013	12/3/2013	12/6/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013
		Parent Sample			BY-SS-3_SS_11/20/13													FM-SS-1_SS_11/20/13
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	mg/Kg		0.00084	0.00025 J	0.00022	0.0001	0.0012	0.01 J	0.00095	0.0045	--	0.00081	0.00036 J	0.0019	0.00036 J	0.00041 J	0.00054	0.00067
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	mg/Kg		0.0006	0.00018 J	0.00016	1.4E-05 J	0.0018	0.0036	0.0002	0.012	--	0.0012	0.00022 J	0.002	0.00029 J	0.00096	0.00016	0.00019
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)	mg/Kg		0.0015	0.00029 J	0.00024	0.00015	0.00075	0.0026	0.0012	0.0033	--	0.0011	0.00034 J	0.0022	0.00042	0.00045	0.00017	0.00021
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	mg/Kg		0.00015	5.4E-05 Jq	4.8E-05	6.8E-06 J	0.00048	0.00047	8.6E-05	0.0041	--	0.00039	5.8E-05 J	0.00065	0.00011 J	0.00031 J	2.1E-05 J	2.6E-05 J
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (PCB 196)	mg/Kg		0.00031	0.00011 J	0.0001	3.1E-05 J	0.00082	0.00097	0.00027	0.0057	--	0.00052	0.00013 J	0.00099	0.00018 J	0.00046	5E-05	5.9E-05
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/Kg		0.0013	0.00062 J	0.00053	1.6E-05 J	0.0019	0.0023	0.00011	0.036	--	0.0024	0.0004 J	0.0047 E	0.00069	0.0024	0.00015	0.00017
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB 197)	mg/Kg		0.00019	4.2E-05 Jq	4.2E-05	2.6E-05 J	0.00011	0.00021	0.0002	0.00073	--	0.00012	4.1E-05 J	0.00028	6.8E-05 J	8.6E-05 J	1.7E-05 J	2.2E-05 J
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	mg/Kg		0.00094	0.0002 J	0.00017	8.7E-05	0.00061	0.0024	0.0009	0.0027	--	0.00087	0.0003 J	0.0017	0.00031 J	0.00032 J	0.00028	0.00034
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172)	mg/Kg		0.00022	9.1E-05 J	8.3E-05	1.5E-05 J	0.00033	0.00034	0.00015	0.0051	--	0.00041	3.8E-05 Jq	0.00076	9E-05 Jq	0.00036 J	3E-05 J	3E-05 Jq
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)	mg/Kg		6E-05	1.5E-05 Jq	1.8E-05 J	8.7E-06 J	0.00014	0.00013	7.9E-05	0.0012	--	0.00012	2.4E-05 J	0.00018	2.6E-05 Jq	6.4E-05 J	2.1E-05 J	2.9E-05 J
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	mg/Kg		0.00018	6.2E-05 J	4.8E-05	2.4E-05 J	0.0002	0.00026	0.0002	0.0013	--	0.00019	5.9E-05 J	0.00035	7.9E-05 J	0.00011 J	2.3E-05 J	2.8E-05 J
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	mg/Kg		0.00089	0.00037 J	0.00032	1.3E-05 J	0.0014	0.0017	0.00012	0.031	--	0.002	0.00029 J	0.0039	0.00057	0.002	0.00013	0.00017
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB 175)	mg/Kg		4.9E-05	2.5E-05 J	2.1E-05 J	9.9E-06 J	5.8E-05	7.4E-05	8.9E-05	0.0011	--	6.8E-05	1.2E-05 U	0.00014	3.3E-05 J	6.8E-05 J	8.7E-06 J	1.2E-05 J
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB 177)	mg/Kg		0.00051	0.00024 J	0.00019	7.6E-06 J	0.0008	0.0009	7.6E-05	0.018	--	0.0011	0.00019 J	0.0023	0.00035 J	0.0011	6.2E-05	7.7E-05
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB 130)	mg/Kg		0.00028	0.0002 J	0.00017	1.3E-05 J	0.00016	0.00029	9.2E-05	0.007 G	--	0.0003	6E-05 Jq	0.00061	9.5E-05 Jq	0.00032 J	3E-05 J	3.6E-05 J
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB 176)	mg/Kg		6.7E-05	2.5E-05 J	2.4E-05 J	5.8E-06 J	8.3E-05	0.00014	4.6E-05	0.0028	--	0.00013	1.7E-05 Jq	0.00028	3.5E-05 Jq	0.00015 J	1.1E-05 J	1.4E-05 J
2,2',3,3',4,6-Hexachlorobiphenyl (PCB 131)	mg/Kg		3.1E-05 J	2.2E-05 Jq	2E-05 J	1.9E-06 U	1.3E-05 J	3.3E-05 J	2.2E-05 J	0.0014 UG	--	2.5E-05 J	2.7E-05 U	8E-05	2.1E-05 U	5.4E-05 J	4.8E-06 J	5.1E-06 Jq
2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132)	mg/Kg		0.0011 B	0.00068 J	0.00062	2.4E-05 J	0.00047	0.0015	3.8E-05 J	0.036 G	--	0.0011	0.0003 J	0.0027	0.0004 J	0.0018	0.0001 B	0.00012 B
2,2',3,3',4-Pentachlorobiphenyl (PCB 82)	mg/Kg		0.00031 G	0.00022 J	0.00019	1.2E-05 J	0.00017	0.00047 J+	1.8E-05 J	0.0057 G	--	0.00021 J+	9.4E-05 Jq	0.00092 G	0.00014 J	0.00044	3.5E-05 J	3.9E-05 J
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	mg/Kg		0.00011	3.9E-05 J	3.2E-05 J	8.4E-06 J	0.00023	0.00026	8.9E-05	0.0016	--	0.0002	6.1E-05 J	0.00034	5.8E-05 J	0.00012 J	7.3E-05	9.1E-05
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	mg/Kg		0.00013	6E-05 J	4.9E-05	7E-06 J	0.00021	0.00021	6.3E-05	0.0046	--	0.00026	4.6E-05 Jq	0.00059	8.4E-05 J	0.00029 J	2.4E-05 J	3.1E-05 J
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)	mg/Kg		3.9E-05 J	2.9E-05 J	2.2E-05 J	3.2E-06 J	2.2E-05 J	4.6E-05	3.5E-05 J	0.0014 UG	--	4.6E-05	2.5E-05 U	0.0001	2E-05 U	5.5E-05 J	6.6E-06 J	7.7E-06 J
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB 179)	mg/Kg		0.00018	7.3E-05 Jq	6.3E-05	5.5E-06 J	0.00031	0.00041	3.8E-05 J	0.0093	--	0.00045	6.7E-05 J	0.00097	0.00011 J	0.00049	3.4E-05 J	4.3E-05
2,2',3,3',5-Pentachlorobiphenyl (PCB 83)	mg/Kg		7.1E-05 G	5.4E-05 J	4.6E-05	3.7E-06 U	3.4E-05 Jq	0.00013 J+	1.3E-05 U	0.0019 G	--	5.3E-05 UJ	3.2E-05 J	0.00021 G	3.3E-05 Jq	0.00011 J	9.8E-06 J	1.2E-05 U
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136)	mg/Kg		0.00017	9.4E-05 J	8.8E-05	4.5E-06 J	8.7E-05	0.00038	9.6E-06 J	0.011 G	--	0.00028	4.8E-05 J	0.00068	6.9E-05 J	0.00045	2.3E-05 J	2.9E-05 J
2,2',3,3',6-Pentachlorobiphenyl (PCB 84)	mg/Kg		0.00035 G	0.00022 J	0.00019	1.1E-05 J	0.00018	0.00066 J+	1.7E-05 J	0.0093 G	--	0.0003 J+	0.0001 J	0.0013 G	0.00013 J	0.00076	4.4E-05	5.4E-05
2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	mg/Kg		0.00035	0.00012 J	0.0001	1.6E-05 J	0.00098	0.0021	0.00014	0.0071	--	0.00064	0.00018 J	0.0013	0.0002 J	0.00055	0.00012	0.00016
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB 204)	mg/Kg		4.7E-05	1.5E-05 Jq	1.7E-05 Jq	1.8E-05 J	3.5E-05 J	6.2E-05	0.00013	0.00011 J	--	3.1E-05 J	6.3E-06 U	5.9E-05	2.9E-05 J	9.3E-06 U	9.1E-06 J	9.1E-06 Jq
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB 181)	mg/Kg		1.9E-05 J	6.5E-06 U	8.3E-06 J	4.7E-06 J	1.1E-05 Jq	3.1E-05 J	4.5E-05	4.5E-05 U	--	4.2E-06 U	9.7E-06 U	3.3E-05 J	8.2E-06 U	1.1E-05 U	4.2E-06 J	5.6E-06 J
2,2',3,4,4',5,6'-Heptachlorobiphenyl (PCB 182)	mg/Kg		1.8E-05 J	6.8E-06 Jq	7E-06 Jq	6.2E-06 J	1.6E-05 Jq	2.9E-05 J	5.2E-05	2.1E-05 U	--	2E-06 U	1.2E-05 U	3.1E-05 J	9E-06 U	1.3E-05 J	4.1E-06 J	4.9E-06 J
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	mg/Kg		0.0004	0.00019 J	0.00015	1.4E-05 J	0.00063	0.0014	0.00014	0.016	--	0.001	0.00016 J	0.0019	0.00028 J	0.001	7E-05	8.3E-05
2,2',3,4,4',5-Hexachlorobiphenyl (PCB 137)	mg/Kg		0.00022	0.00017 J	0.00014	7E-06 J	8.4E-05	0.00033	4.1E-05	0.005 G	--	0.00016	4.4E-05 Jq	0.0004	6.4E-05 J	0.0002 J	1.7E-05 Jq	2E-05 Jq
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB 184)	mg/Kg		3.7E-05 J	1.4E-05 J	1E-05 J	1E-05 J	1.5E-05 J	3.9E-05	7E-05	0.00011 J	--	2.3E-05 J	9.3E-06 U	4.3E-05 J	1.8E-05 J	1.1E-05 J	5.7E-06 J	7.1E-06 J
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB 185)	mg/Kg		9.4E-05	2.2E-05 Jq	1.4E-05 J	5.3E-06 J	0.00014	0.00016	3.4E-05 J	0.0013	--	0.00016	2.9E-05 J	0.00036	4.8E-05 J	8.8E-05 J	3.6E-05 J	6.8E-05
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	mg/Kg		0.00078	0.00033 J	0.00028	1.3E-05 J	0.0014	0.0015	9.6E-05	0.031	--	0.0018	0.00031 J	0.0038	0.00056	0.0019	0.00019	0.00024
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	mg/Kg		0.00063	0.00036 J	0.00032	2E-05 J	0.00042	0.001	9.4E-05	0.02 G	--	0.00078	0.00016 J	0.0018	0.00024 J	0.0012	9.2E-05	0.00012
2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146)	mg/Kg		0.00046	0.00028 J	0.00027	1.7E-05 J	0.00029	0.00063	9.3E-05	0.016 G	--	0.00061	0.00013 J	0.0014	0.00021 J	0.00075	5.6E-05	6.8E-05
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB 186)	mg/Kg		3E-06 J	5E-06 U	7.8E-07 Jq	1.5E-06 J	1.9E-06 U	4.6E-06 J	1.2E-05 J	1.6E-05 U	--	1.5E-06 U	8.8E-06 U	2.4E-06 U	6.9E-06 U	4.1E-06 U	1.2E-06 Jq	1.7E-06 J
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	mg/Kg		2.2E-05 J	8.8E-06 Jq	7.3E-06 J	6.2E-06 J	1.2E-05 J	2.5E-05 J	5.4E-05	6.9E-05 J	--	2E-05 J	9.6E-06 U	2.9E-05 J	7.1E-06 U	4.5E-06 U	3.6E-06 J	5.3E-06 J
2,2',3,4,5,6-Hexachlorobiphenyl (PCB 142)	mg/Kg		1.4E-05 U	1.7E-05 U	7.8E-06 U	1.8E-06 U	8.3E-06 U	3E-05 U	2.4E-05 J	0.0013 UG	--	2.2E-05 U	2.5E-05 U	3.1E-05 U	1.9E-05 U	4.4E-05 U	6.6E-06 J	1E-05 J
2,2',3,4,5',6-Hexachlorobiphenyl (PCB 144)	mg/Kg		9.5E-05	5.8E-05 J	4.8E-05	4.1E-06 J	5.4E-05	0.00019	2.6E-05 J	0.0047 G	--	0.00014	3.3E-05 J	0.00033	4.2E-05 J	0.00022 J	1.5E-05 J	2E-05 J
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB 148)	mg/Kg		1.2E-05 U	1.5E-05 U	6.9E-06 U	2.6E-06 J	7.4E-06 U	2.7E-05 U	2.3E-05 J	0.0012 UG	--	2E-05 U	2.2E-05 U	2.8E-05 U	1.7E-05 U	3.9E-05 U	2.4E-06 U	3.6E-06 U
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB 145)	mg/Kg		8.8E-06 U	1.1E-05 U	5E-06 U	1.2E-06 U	5.3E-06 U	1.9E-05 U	4.6E-06 J	0.00086 UG	--	1.4E-05 U	1.6E-05 U	2E-05 U	1.2E-05 U	2.8E-05 U	1.8E-06 U	2.6E-06 U
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB 150)	mg/Kg		8.2E-06 U	1E-05 U	4.7E-06 U	1.3E-06 J	5E-06 U	1.8E-05 U	7.5E-06 J	0.0008 UG	--	1.3E-05 U	1.5E-05 U	1.9E-05 U	1.2E-05 U	2.6E-05 U	1.6E-06 U	2.4E-06 U
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)	mg/Kg		4.9E-05 UG	3.5E-05 U	2.8E-05 U	2.9E-06 U	2.3E-05 U	8.9E-05 UJ+	2E-05 J	0.0012 UG	--	4.2E-05 UJ+	2.4E-05 U	8.8E-05 UG	2.3E-05 U	7.6E-05 U	7.2E-06 U	9.7E-06 U
2,2',3,4-Tetrachlorobiphenyl (PCB 41)	mg/Kg		1.7E-05 J	7.1E-06 U	1E-06 U	7.3E-07 J	1.6E-05 J	2.7E-06 U	1.7E-06 J	0.00012 J	--	2.5E-05 J	1.6E-05 U	0.0008	1E-05 Jq	1.9E-05 Jq	3.3E-06 J	4.8E-06 J
2,2',3,4'-Tetrachlorobiphenyl (PCB 42)	mg/Kg		5.5E-05	1.6E-05 J	1.4E-05 J	2E-06 J	4.5E-05	8.3E-05	4.5E-06 J	0.00045	--	8.7E-05	1.4E-05 U	0.0013	3.3E-05 Jq	9.2E-05 J	9.4E-06 J	1.2E-05 J
2,2',3,5,5'-Pentachlorobiphenyl (PCB 92)	mg/Kg		0.00034 G	0.00023 J	0.00021	1E-05 J	0.00014	0.00059 J+	2.4E-05 J	0.015 G	--	0.00027	6.9E-05 Jq	0.00097 G	0.0001 J	0.00066	3.8E-05 J	4.7E-05
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	mg/Kg		8.4E-06 U	1E-05 U	4.8E-06 U	1.1E-06 U	5.1E-06 U	1.9E-05 U	3.3E-06 U	0.00082 UG	--	1.4E-05 U	1.5E-05 U	1.9E-05 U	1.2E-05 U	2.7E-05 U	1.7E-06 U	2.5E-06 U
2,2',3,5,6'-Pentachlorobiphenyl (PCB 94)	mg/Kg		4.6E-05 UG	3.3E-05 U	2.6E-05 U	2.7E-06 U	2.2E-05 U	8.5E-05 UJ+	9.5E-06 U	0.0011 UG	--	3.9E-05 U	2.3E-05 U	8.3E-05 UG	2.2E-05 U	7.2E-05 U	6.8E-06 U	9.2E-06 U
2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	mg/Kg		0.0011 BG	0.00061 JB	0.00058 B	2.8E-05 J	0.00047 B	0.0022 J+	3.3E-05 J	0.053 GB	--	0.0011	0.00028 JB	0.0038 BG	0.00035 JB	0.0026 B	0.0001 B	0.00013 B
2,2',3,5-Tetrachlorobiphenyl (PCB 43)	mg/Kg		5.3E-06 J	6.3E-06 U	9E-07 U	1.2E-06 J	3.8E-06 J	2.4E-06 U	2E-06 J	3.9E-05 U	--	1.2E-05 J	1.4E-05 U	0.00013	8.5E-06 U	6.6E-06 U	2.3E-06 J	3.1E-06 J
2,2',3,6,6'-Pentachlorobiphenyl (PCB 96)	mg/Kg		4.8E-06 J	4.2E-06 U	1.4E-06 J	4.2E-07 J	2.7E-06 J	2.4E-06 J	1.1E-06 J	0.00011 J	--	3.9E-06 J	7.3E-06 U	3.6E-05 J	4.9E-06 U	5.6E-06 Jq	6.5E-07 Jq	1E-06 J
2,2',3,6-Tetrachlorobiphenyl (PCB 45)	mg/Kg		1.3E-05 J	6.2E-06 U	8.8E-07 U	1E-06 J	1.6E-05 J	2E-05 J	1.4E-06 J	0.00017 J	--	4.2E-05	1.4E-05 U	0.0007	1.1E-05 Jq	1.9E-05 Jq	3.5E-06 J	3.9E-06 Jq
2,2',3,6'-Tetrachlorobiphenyl (PCB 46)	mg/Kg		5.6E-06 J	6.5E-06 U	9.4E-07 U	3.2E-07 U	6.5E-06 J	2.5E-06 U	4E-07 U	7E-05 J	--	1.6E-05 J	1.5E-05 U	0.00034	8.9E-06 U	6.9E-06 U	7.8E-07 Jq	1.9E-06 J
2,2',3-Trichlorobiphenyl (PCB 16)	mg/Kg		3E-05 J	2.6E-05 U	2.9E-06 J	1.8E-06 J	2.1E-05 J	4E-05	2.5E-06 U	0.00032 J	--	7.7E-05	4.3E-05 U	0.00093	2.2E-05 U	3.1E-05 Jq	6.3E-06 J	9E-06 J
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	mg/Kg		2.2E-05 J	1.3E-05 U	1.1E-05 J	3E-06 J	1.4E-05 J	4.1E-05	3.2E-05 J	0.0011 UG	--	2.4E-05 J	2E-05 U	5.1E-05 q	1.5E-05 U	3.5E-05 U	3.1E-06 J	3.2E-06 U
2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	mg/Kg		0.0011 G	0.00061 J	0.00065	3E-05 J	0.00047	0.0029 J+	4.2E-05	0.039 G	--	0.00089	0.00025 JB	0.0029 G	0.00038 JB	0.0017	0.00011	0.00013
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	mg/Kg		9.6E-06 U	1.1E-05 U	5.4E-06 U	1.5E-06 J	7E-06 U	2.6E-05 U	8.9E-06 J	0.00089 UG	--	1.7E-05 U	1.7E-05 U	2.3E-05 U	1.3E-05 U	3E-05 U	2.3E-06 U	3.3E-06 U
2,2',4,5',6-Pentachlorobiphenyl (PCB 103)	mg/Kg		4.1E-05 UG	2.9E-05 U	2.3E-05 U	2.4E-06 U	1.9E-05 U	7.4E-05 UJ+	8.3E-06 U	0.00099 UG	--	3.4E-05 U	2E-05 U	7.2E-05 UG	1.9E-05 U	6.3E-05 U	5.9E-06 U	8E-06 U
2,2',4,5-Tetrachlorobiphenyl (PCB 48)	mg/Kg		3.2E-05 J	5.6E-06 U	4E-06 J	1.7E-06 J	3.2E-05 J	5E-05	1.8E-06 J	0.00024 J	--	4.8E-05	1.2E-05 U	0.0011	1.5E-05 Jq	4.6E-05 J	9.2E-06 J	1.4E-05 J
2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	mg/Kg		7.8E-07 J	4.1E-06 U	1.2E-06 Jq	4.9E-07 J	1.2E-06 U	3.2E-06 J	1.6E-06 J	6.2E-06 U	--	4E-07 J	7.1E-06 U	8.6E-07 Jq	4.8E-06 U	4E-06 U	4E-07 Jq	1.4E-06 J
2,2',4,6'-Tetrachlorobiphenyl (PCB 51)	mg/Kg		2.5E-06 J	5.1E-06 U	7.4E-07 U	6.8E-07 J	4.5E-06 J	1.9E-06 U	1.1E-06 J	4E-05 J	--	9.9E-06 J	1.1E-05 U	0.0002	7E-06 U	5.4E-06 U	8.1E-07 J	8.7E-07 Jq
2,2',4-Trichlorobiphenyl (PCB 17)	mg/Kg		1.9E-05 J	1.8E-05 U	2.2E-06 J	2.2E-06 J	1.7E-05 JB	5.2E-05	1.8E-06 U	0.00021 J	--	3.1E-05 J	3E-05 U	0.00081 B	1.6E-05 U	2.1E-05 Jq	4.4E-06 J	7.5E-06 J

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn
		Location	BY-SS-1	BY-SS-3	BY-SS-3	DD-B-1	DD-B-10	DD-B-2	DD-B-3	DD-B-4	DD-B-5	DD-B-5	DD-B-6	DD-B-7	DD-B-8	DD-B-9	FM-SS-1	FM-SS-1
		Sample Name	BY-SS-1_SS	BY-SS-3_SS	BY-SS-3_SS DUP	DD-B-1_SS	DD-B-10_SS	DD-B-2_SS	DD-B-3_SS	DD-B-4_SS	DD-B-5 Waste Class	DD-B-5_SS	DD-B-6_SS	DD-B-7_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-1_SS	FM-SS-1_SS DUP
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/14/2013	12/4/2013	11/14/2013	11/14/2013	12/2/2013	11/13/2013	11/13/2013	12/3/2013	12/6/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013
		Parent Sample			BY-SS-3_SS_11/20/13													FM-SS-1_SS_11/20/13
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	mg/Kg		0.00074 B	0.00031 JB	0.00033 B	1.9E-05 J	0.00044 B	0.0014	2.5E-05 J	0.021 B	--	0.00067	0.00019 JB	0.0054 EB	0.00023 JB	0.0013 B	0.00011 B	0.00015 B
2,2',6,6'-Tetrachlorobiphenyl (PCB 54)	mg/Kg		5.3E-07 Jq	7.2E-06 U	1.4E-06 Jq	2.2E-07 U	1.5E-06 U	1.9E-06 U	7.1E-07 U	8E-06 U	--	7.6E-07 U	1.5E-05 U	1.4E-05 J	1E-05 U	5.8E-06 U	2.9E-07 U	1.4E-06 J
2,2',6-Trichlorobiphenyl (PCB 19)	mg/Kg		3.5E-06 J	2.3E-05 U	1.9E-06 J	9.6E-07 J	2.8E-06 Jq	1.1E-05 J	2.3E-06 U	5.7E-05 J	--	1.8E-05 J	3.3E-05 U	0.00029	1.9E-05 U	1.7E-05 U	1.2E-06 Jq	3E-06 J
2,2'-Dichlorobiphenyl (PCB 4)	mg/Kg		4.5E-05 q	0.0001 U	1.5E-05 Jq	3.5E-06 U	4.8E-05 UG	7.4E-05	7.9E-06 U	0.00051 q	--	9.4E-05	0.00033 U	0.00015 q	0.00014 U	7E-05 U	9E-06 U	1.3E-05 J
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	mg/Kg		6.1E-05	3E-05 J	2.3E-05 J	1.6E-05 J	0.00013	0.00022	0.00013	0.0007	--	0.00011	1.5E-05 Jq	0.00015	4.3E-05 J	6E-05 Jq	2E-05 J	3E-05 J
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/Kg		6.7E-05	3.1E-05 J	3.2E-05	9.5E-06	9E-05	0.00016	7.5E-05	0.0014	--	9.2E-05	1.3E-05 U	0.00018	3.6E-05 J	8.2E-05	1E-05	1.4E-05
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB 190)	mg/Kg		0.00027	0.00011 J	9.6E-05	1.2E-05 J	0.00043	0.00053	8.8E-05	0.0071	--	0.00051	6.8E-05 Jq	0.00097	0.00012 J	0.00053	4.7E-05	7.1E-05
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB 191)	mg/Kg		7.7E-05	2.4E-05 J	2.7E-05 J	4.9E-06 J	9.9E-05	0.00019	6.9E-05	0.0014	--	0.00013	1.5E-05 Jq	0.00019	2.1E-05 Jq	7.6E-05 Jq	1E-05 J	1.3E-05 J
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158)	mg/Kg		0.00053	0.00034 J	0.00031	1.5E-05 J	0.00031	0.00077	5.5E-05	0.013 G	--	0.00055	0.00015 J	0.0011	0.00019 J	0.00068	5.2E-05	6.1E-05
2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/Kg		0.0019 G	0.0011	0.0012 G	5.1E-05	0.0014 G	0.0027 J+	8.9E-05 J	0.03 G	--	0.0014 J+	0.00049	0.0031 G	0.00068	0.0016 G	0.00017 G	0.0002 G
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB 192)	mg/Kg		7.4E-06 J	5.9E-06 U	1.4E-06 U	3.5E-06 J	5E-06 U	4.8E-06 U	4.1E-05	4.1E-05 U	--	3.8E-06 U	8.9E-06 U	7.7E-06 U	7.5E-06 U	1E-05 U	2.8E-06 J	4.4E-06 J
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB 159)	mg/Kg		2.8E-05 J	9.9E-06 U	4.2E-06 U	3.7E-06 J	4.2E-05	4.4E-05	4.4E-05	0.00015 U	--	5.4E-05	1.1E-05 U	9.4E-05	8.3E-06 U	1.4E-05 U	3.5E-06 J	4.2E-06 U
2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	mg/Kg		3.6E-05 J	2.1E-05 J	1.3E-05 J	4.5E-06 J	2.1E-05 J	4.9E-05	4.7E-05	0.00043 J	--	5.5E-05	1.1E-05 U	4.1E-05 J	8E-06 U	1.5E-05 Jq	4.9E-06 J	4.1E-06 U
2,3,3',4,5,6-Hexachlorobiphenyl (PCB 160)	mg/Kg		1.1E-05 U	1.3E-05 U	6.1E-06 U	2.4E-06 J	6.5E-06 U	2.4E-05 U	4.3E-06 U	0.0011 UG	--	1.7E-05 U	2E-05 U	2.4E-05 U	1.5E-05 U	3.5E-05 U	1.3E-05 J	2E-05 J
2,3,3',4,5',6-Hexachlorobiphenyl (PCB 161)	mg/Kg		9.4E-06 U	1.2E-05 U	5.4E-06 U	1.9E-06 J	5.7E-06 U	2.1E-05 U	2.8E-05 J	0.00092 UG	--	1.5E-05 U	1.7E-05 U	2.1E-05 U	1.3E-05 U	3E-05 U	1.9E-06 U	2.8E-06 U
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164)	mg/Kg		0.00031	0.00018 J	0.00017	1.3E-05 J	0.0002	0.00037	5.7E-05	0.0084 G	--	0.00037	6.4E-05 J	0.00075	0.00013 J	0.00046	3.4E-05 J	4E-05
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)	mg/Kg		3.9E-05 U	2.8E-05 U	2.2E-05 U	8.1E-06 J	1.8E-05 U	7.2E-05 UJ+	5.1E-05	0.00096 UG	--	3.3E-05 U	2E-05 U	7E-05 UG	1.9E-05 U	6.1E-05 U	7.2E-06 J	1.3E-05 Jq
2,3,3',4',5'-Pentachlorobiphenyl (PCB 122)	mg/Kg		4E-05 U	2.9E-05 U	2.9E-05 J	2.4E-06 U	3E-05 J	7.3E-05 UJ+	1.5E-05 J	0.00098 UG	--	3.4E-05 U	2E-05 U	7.2E-05 UG	1.9E-05 U	6.3E-05 U	5.9E-06 U	7.9E-06 U
2,3,3',4,6-Pentachlorobiphenyl (PCB 109)	mg/Kg		0.00022	0.00016 J	0.00015	1E-05 J	0.00014	0.00029 J+	4.7E-05	0.0051 G	--	0.00021	4.6E-05 Jq	0.00036 G	6.8E-05 J	0.00024 J	2.4E-05 J	2.7E-05 J
2,3,3',4-Tetrachlorobiphenyl (PCB 55)	mg/Kg		7.3E-06 U	9.6E-06 U	3.4E-06 U	1E-06 J	8.1E-06 U	1.9E-05 U	2.2E-06 U	0.00011 U	--	9E-06 U	1.5E-05 U	3.1E-05 U	1.2E-05 U	1.6E-05 U	5.3E-06 U	6.4E-06 U
2,3,3',4'-Tetrachlorobiphenyl (PCB 56)	mg/Kg		0.00026	6E-05 Jq	7.8E-05	6.8E-06 J	0.00025	0.00032	1.4E-05 J	0.0022	--	0.00025	4.8E-05 Jq	0.0031	0.00017 J	0.00023 J	3.1E-05 J	3.8E-05 J
2,3,3',5,5',6-Hexachlorobiphenyl (PCB 165)	mg/Kg		1.1E-05 U	1.3E-05 U	6.2E-06 U	1.7E-06 J	6.6E-06 U	2.4E-05 U	2E-05 J	0.0011 UG	--	1.8E-05 U	2E-05 U	2.5E-05 U	1.5E-05 U	3.5E-05 U	2.2E-06 U	3.2E-06 U
2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	mg/Kg		3.2E-05 U	2.3E-05 U	1.8E-05 U	2E-06 J	1.5E-05 U	5.8E-05 UJ+	2.7E-05 J	0.00078 UG	--	2.7E-05 U	1.6E-05 U	5.7E-05 UG	1.5E-05 U	5E-05 U	4.7E-06 U	6.3E-06 U
2,3,3',5,6-Pentachlorobiphenyl (PCB 112)	mg/Kg		3.1E-05 U	2.2E-05 U	1.7E-05 U	1.8E-06 U	1.4E-05 U	5.6E-05 UJ+	6.3E-06 U	0.00075 UG	--	2.6E-05 U	1.5E-05 U	5.5E-05 UG	1.5E-05 U	4.8E-05 U	4.5E-06 U	6.1E-06 U
2,3,3',5-Tetrachlorobiphenyl (PCB 57)	mg/Kg		7.2E-06 U	9.4E-06 U	3.4E-06 U	1E-06 J	8E-06 U	1.8E-05 U	2.2E-06 U	0.00011 U	--	8.9E-06 U	1.4E-05 U	3.1E-05 U	1.1E-05 U	1.6E-05 U	5.2E-06 U	6.3E-06 U
2,3,3',5'-Tetrachlorobiphenyl (PCB 58)	mg/Kg		7.2E-06 U	9.5E-06 U	3.4E-06 U	9E-07 J	8E-06 U	1.8E-05 U	6.9E-06 J	0.00011 U	--	3.2E-05 J	1.5E-05 U	3.1E-05 U	1.2E-05 U	1.6E-05 U	5.2E-06 U	6.3E-06 U
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/Kg		0.00028 G	0.00019	0.00017	1.2E-05	0.00024 G	0.00051 J+	7E-05 J	0.0054 G	--	0.00027 J+	6.1E-05 q	0.0005 G	9.3E-05	0.00032	2.5E-05	2.9E-05
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/Kg		4.7E-05 G	2.9E-05 U	2.6E-05 G	4.2E-06	5E-05 G	0.00013 J+	1.6E-05 J	0.00099 UG	--	5.8E-05 J+	1.9E-05 U	0.0001 G	1.9E-05 U	6.1E-05 UG	1.3E-05 G	1.8E-05 G
2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/Kg		0.0031 BG	0.0021 B	0.0021 GB	9.7E-05	0.0024 BG	0.0066 J	0.00014 J	0.077 GEB	--	0.0025 J	0.00082 B	0.0051 EBG	0.00097 B	0.0037 GB	0.00035 BG	0.0004 BG
2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	mg/Kg		3.8E-05 UG	2.8E-05 U	2.2E-05 UG	2.6E-06 J	3.5E-05 G	0.00012 J+	1.1E-05 J	0.00089 UG	--	4.1E-05 J+	2E-05 U	8.8E-05 G	1.7E-05 Uq	5.9E-05 UG	5.3E-06 UG	7.4E-06 UG
2,3,4,4',6-Pentachlorobiphenyl (PCB 115)	mg/Kg		--	--	--	--	--	--	--	0.11 B	--	--	--	--	0.0013 B	0.0054 B	--	--
2,3,4,4'-Tetrachlorobiphenyl (PCB 60)	mg/Kg		0.00015	3.9E-05 Jq	5E-05	2.4E-06 J	0.00014	0.00046	5.6E-06 J	0.0008	--	0.00015	1.5E-05 U	0.0019	9.7E-05 J	0.00011 J	1.3E-05 Jq	2E-05 J
2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	mg/Kg		0.00062 B	0.0002 J	0.00022	1.6E-05 J	0.00059 B	0.0023	3.1E-05 J	0.006	--	0.00055	0.00011 J	0.0061 EB	0.00037 JB	0.00052	7.5E-05 B	8.7E-05 B
2,3',4,5,5'-Pentachlorobiphenyl (PCB 120)	mg/Kg		3.4E-05 U	2.5E-05 U	1.9E-05 U	2.4E-06 J	1.6E-05 U	6.2E-05 UJ+	3E-05 J	0.00083 UG	--	2.9E-05 U	1.7E-05 U	6.1E-05 UG	1.6E-05 U	5.3E-05 U	5E-06 U	6.7E-06 U
2,3',4,5',6-Pentachlorobiphenyl (PCB 121)	mg/Kg		3.2E-05 U	2.3E-05 U	1.8E-05 U	1.9E-06 U	1.5E-05 U	5.8E-05 UJ+	1.1E-05 J	0.00078 UG	--	2.7E-05 U	1.6E-05 U	5.7E-05 UG	1.5E-05 U	5E-05 U	4.7E-06 U	6.3E-06 U
2,3,4',5-Tetrachlorobiphenyl (PCB 63)	mg/Kg		1.4E-05 Jq	8.9E-06 U	6.8E-06 J	1.5E-06 J	1.3E-05 Jq	3.6E-05 J	2.1E-06 U	0.0001 U	--	2.1E-05 J	1.4E-05 U	0.00017 q	1.1E-05 U	1.5E-05 U	4.9E-06 U	5.9E-06 U
2,3',4,5-Tetrachlorobiphenyl (PCB 67)	mg/Kg		8.9E-06 J	8.8E-06 U	3.1E-06 U	1.4E-06 J	7.5E-06 U	2.2E-05 J	2.1E-06 U	0.0001 U	--	1.2E-05 J	1.4E-05 U	0.00011	1.1E-05 U	1.5E-05 U	4.8E-06 U	5.9E-06 U
2,3',4,5'-Tetrachlorobiphenyl (PCB 68)	mg/Kg		6.4E-06 U	8.5E-06 U	3E-06 U	1.7E-06 J	7.1E-06 U	1.6E-05 U	1.2E-05 J	9.8E-05 U	--	7.9E-06 U	1.3E-05 U	2.7E-05 U	1E-05 U	1.4E-05 U	4.6E-06 U	5.6E-06 U
2,3,4',6-Tetrachlorobiphenyl (PCB 64)	mg/Kg		0.00015	5.4E-05 JB	5.9E-05 B	3.9E-06 J	9.2E-05 B	0.00025	4.7E-06 J	0.003 B	--	0.00019	3E-05 Jq	0.0019 B	7.9E-05 JB	0.00022 JB	2E-05 J	2.6E-05 J
2,3,4'-Trichlorobiphenyl (PCB 22)	mg/Kg		0.0001	1.1E-05 U	1.4E-05 J	1.9E-06 J	6.4E-05	0.00013	3.2E-06 J	0.00056	--	0.00013	1.6E-05 U	0.0021 G	7.4E-05 JB	9.9E-05 J	1E-05 J	1.3E-05 J
2,3',4-Trichlorobiphenyl (PCB 25)	mg/Kg		9.2E-06 J	9.3E-06 U	1.6E-06 J	1.6E-06 J	6.9E-06 Jq	4E-05	1.8E-06 J	7E-05 Jq	--	1.1E-05 J	1.5E-05 U	0.00011 q	8E-06 U	1.3E-05 J	2.2E-06 J	3.3E-06 J
2,3',5,5'-Tetrachlorobiphenyl (PCB 72)	mg/Kg		7.1E-06 J	9.2E-06 U	3.8E-06 J	1.8E-06 J	7.7E-06 U	1.8E-05 U	1E-05 J	0.00011 U	--	8.6E-06 U	1.4E-05 U	3E-05 U	1.1E-05 U	1.5E-05 U	5E-06 U	6.1E-06 U
2,3',5',6-Tetrachlorobiphenyl (PCB 73)	mg/Kg		8.3E-07 U	4.3E-06 U	6.2E-07 U	4.6E-07 J	1.5E-06 U	1.6E-06 U	1.9E-06 J	2.7E-05 U	--	4.3E-07 U	9.6E-06 U	3.6E-06 U	5.9E-06 U	4.6E-06 U	3.5E-07 U	3.5E-07 U
2,3,5-Trichlorobiphenyl (PCB 23)	mg/Kg		3.8E-06 U	9E-06 U	1.2E-06 U	6.4E-07 U	3.5E-06 U	1.2E-05 U	7.2E-07 U	3.2E-05 U	--	4.5E-06 U	1.4E-05 U	4.1E-05 U	7.8E-06 U	8.4E-06 U	2E-06 U	2.5E-06 U
2,3',5'-Trichlorobiphenyl (PCB 34)	mg/Kg		4E-06 U	9.4E-06 U	1.2E-06 U	6.7E-07 U	3.6E-06 U	1.3E-05 U	7.5E-07 U	3.4E-05 U	--	4.6E-06 U	1.5E-05 U	4.3E-05 U	8.1E-06 U	8.8E-06 U	2.1E-06 U	2.6E-06 U
2,3,6-Trichlorobiphenyl (PCB 24)	mg/Kg		1.1E-06 J	1.3E-05 U	6.5E-07 U	5.8E-07 J	1.5E-06 U	3.7E-06 J	1.3E-06 U	1.2E-05 U	--	2.3E-06 J	2.2E-05 U	3.7E-05 J	1.2E-05 U	1E-05 U	7.4E-07 J	1.2E-06 J
2,3',6-Trichlorobiphenyl (PCB 27)	mg/Kg		3.9E-06 J	1.4E-05 U	6.6E-07 U	7.4E-07 J	2.5E-06 Jq	6.2E-06 J	1.3E-06 U	4.2E-05 J	--	1.4E-05 J	2.3E-05 U	0.00019	1.2E-05 U	1E-05 U	1.2E-06 J	1.6E-06 Jq
2,3-Dichlorobiphenyl (PCB 5)	mg/Kg		8.6E-06 J	8.7E-05 U	5.9E-06 U	2.8E-06 U	1.2E-05 U	1.6E-05 U	5.6E-06 U	0.00013 U	--	1.1E-05 J	0.00031 U	1.1E-05 U	0.0002 U	0.00011 U	8.4E-06 U	6.1E-06 U
2,3'-Dichlorobiphenyl (PCB 6)	mg/Kg		4.3E-05	8.7E-05 U	1.1E-05 Jq	2.8E-06 U	4.3E-05 q	5.8E-05	5.6E-06 U	0.00047 q	--	0.0001	0.00031 U	0.00013	0.0002 U	0.00011 U	9.1E-06 J	1.2E-05 Jq
2,4',5-Trichlorobiphenyl (PCB 31)	mg/Kg		0.0002 B	3.6E-05 JB	2.8E-05 JB	6E-06 J	0.00016 B	0.00038	7.1E-06 J	0.001 B	--	0.00019	4.8E-05 JB	0.003 B	0.00013 JB	0.00018 JB	2.7E-05 JB	3.5E-05 JB
2,4',6-Trichlorobiphenyl (PCB 32)	mg/Kg		1.5E-05 J	1.1E-05 U	2.1E-06 J	1.3E-06 J	9.5E-06 J	3.6E-05 J	1E-06 U	0.00014 J	--	4.4E-05	1.8E-05 U	0.0005	9.1E-06 U	2.2E-05 J	3.1E-06 J	4.9E-06 J
2,4-Dichlorobiphenyl (PCB 7)	mg/Kg		4.9E-06 J	8.2E-05 U	5.5E-06 U	2.6E-06 U	1.1E-05 U	2.4E-05 J	5.3E-06 U	0.00012 U	--	7.2E-06 UJ	0.00029 U	1E-05 U	0.00019 U	0.0001 U	7.9E-06 U	5.7E-06 U
2,4'-Dichlorobiphenyl (PCB 8)	mg/Kg		9.5E-05	8.5E-05 U	1.9E-05 J	5.5E-06 J	8.2E-05 q	0.00052	5.5E-06 U	0.00086 q	--	0.00015	0.00031 U	0.00044	0.00019 U	0.00011 U	1.4E-05 J	2.6E-05 J
2,5-Dichlorobiphenyl (PCB 9)	mg/Kg		2.4E-05 J	9.2E-05 U	6.2E-06 U	3E-06 U	2.3E-05 J	2.8E-05 J	5.9E-06 U	0.00014 U	--	3.4E-05 J	0.00033 U	2.3E-05 J	0.00021 U	0.00012 U	8.9E-06 U	6.5E-06 U
2,6-Dichlorobiphenyl (PCB 10)	mg/Kg		2.2E-06 U	6.1E-05 U	9E-06 U	2.3E-06 U	3.2E-05 U	5.7E-06 U	4.3E-06 U	5.6E-05 U	--	5.3E-06 U	0.00021 U	1.7E-05 U	8.1E-05 U	4.3E-05 U	5.2E-06 U	3.9E-06 U
2-Chlorobiphenyl (PCB 1)	mg/Kg		5E-05 B	1.9E-05 JB	1.1E-05 JB	4E-06 J	5.1E-05 B	0.00016	4.8E-06 J	0.0003 JB	--	8.2E-05	6.8E-06 U	0.00012 B	3.6E-05 JB	1.3E-05 JB	9.8E-06 JB	1.4E-05 JB
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/Kg		1.3E-05 G	1.1E-05 U	4.6E-06 UG	1.2E-06 U	2.1E-05 qG	1.6E-05 UJ+	6.8E-06 J	0.00016 UG	--	1E-05 UJ+	1.3E-05 U	1.2E-05 UG	9E-06 U	1.4E-05 U	3E-06 U	4.3E-06 UG
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/Kg		0.00011 G	9E-05	8.1E-05 G	4.8E-06	0.00011 G	7.7E-05 UJ+	2.4E-05 J	0.0011 UG	--	8.6E-05 J+	2.4E-05 U	0.00015 G	2.6E-05 U	7.1E-05 UG	1.2E-05 G	1.4E-05 qG
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/Kg		0.00037 G	0.00024	0.00027 G	9E-06	0.00034 G	0.00028 J+	3.2E-05	0.0017 G	--	0.00026 J+	6.1E-05 q	0.001 G	0.00013	0.00015	6.2E-05 G	7.5E-05 G
3,3',4,5,5'-Pentachlorobiphenyl (PCB 127)	mg/Kg		3.9E-05 U	2.8E-05 U	2.2E-05 U	2.3E-06 U	1.8E-05 U	7.2E-05 UJ+	3E-05 J	0.00096 UG	--	3.3E-05 U	1.9E-05 U	7E-05 UG	1.9E-05 U	6.1E-05 U	5.8E-06 U	7.8E-06 U
3,3',4,5-Tetrachlorobiphenyl (PCB 78)	mg/Kg		8.2E-06 U	1.1E-05 U	3.8E-06 U	1.8E-06 J	9.1E-06 U	2.1E-05 U	8.2E-06 J	0.00012 U	--	1E-05 U	1.6E-05 U	3.5E-05 U	1.3E-05 U	1.8E-05 U	5.9E-06 U	7.1E-06 U
3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	mg/Kg		5.5E-05	2.5E-05 J	3.5E-05 J	4.1E-06 J	3.1E-05 J	0.00011	2.7E-05 J	0.0013	--	5.6E-05	1.4E-05 U	0.0001	1.1E-05 U	6.6E-05 Jq	1.1E-05 Jq	1.7E-05 Jq
3,3',4-Trichlorobiphenyl (PCB 35)	mg/Kg		4.6E-05	1.1E-05 U	1.2E-05 J	3E-06 J	2.1E-05 J	2.8E-05 J	1.3E-05 J	0.0008	--	2.9E-05 J	6.2E-05 Jq	6.7E-05 G	9.4E-06 U	4.3E-05 J	0.00022	0.00024
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)	mg/Kg		6.8E-06 U	8.9E-06 U	3.2E-06 U	1.1E-06 J	7.5E-06 U	1.7E-05 U	1.4E-05 J	0.0001 U	--	8.4E-06 U	1.4E-05 U	2.9E-05 U	1.1E-05 U	1.5E-05 U	4.9E-06 U	5.9E-06 U

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn
		Location	BY-SS-1	BY-SS-3	BY-SS-3	DD-B-1	DD-B-10	DD-B-2	DD-B-3	DD-B-4	DD-B-5	DD-B-5	DD-B-6	DD-B-7	DD-B-8	DD-B-9	FM-SS-1	FM-SS-1
		Sample Name	BY-SS-1_SS	BY-SS-3_SS	BY-SS-3_SS DUP	DD-B-1_SS	DD-B-10_SS	DD-B-2_SS	DD-B-3_SS	DD-B-4_SS	DD-B-5 Waste Class	DD-B-5_SS	DD-B-6_SS	DD-B-7_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-1_SS	FM-SS-1_SS DUP
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/14/2013	12/4/2013	11/14/2013	11/14/2013	12/2/2013	11/13/2013	11/13/2013	12/3/2013	12/6/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013
		Parent Sample			BY-SS-3_SS_11/20/13													FM-SS-1_SS_11/20/13
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
3,3',5-Trichlorobiphenyl (PCB 36)	mg/Kg		4.1E-06 U	9.6E-06 U	2.3E-06 Jq	1.6E-06 J	3.7E-06 U	1.3E-05 U	4.4E-06 J	3.4E-05 U	--	4.7E-06 U	1.5E-05 U	4.4E-05 U	8.2E-06 U	8.9E-06 U	1.2E-05 J	1.2E-05 J
3,3'-Dichlorobiphenyl (PCB 11)	mg/Kg		7.4E-05 B	9E-05 U	3.8E-05 Jq	7.1E-06 J	2.7E-05 Jq	4.7E-05	1.3E-05 J	0.0044 q	--	0.00013	0.0015	0.00011	0.00021 U	0.00011 U	0.0011 B	0.0012 B
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/Kg		1.3E-05 G	1.2E-05 U	5.5E-06 Gq	2.1E-06 J	1.6E-05 G	2.3E-05 J+	9.3E-06 J+	0.00014 UG	--	1.1E-05 J+	2E-05 U	3.3E-05 UG	1.5E-05 U	1.9E-05 U	5.9E-06 UG	7.8E-06 UG
3,4,4'-Trichlorobiphenyl (PCB 37)	mg/Kg		0.00034	5.6E-05 J	5.8E-05	6.6E-06 J	0.00026	0.00097	2.7E-05 J	0.00086	--	0.00029	2E-05 Uq	0.0035 G	0.00012 Jq	0.00017 J	2.8E-05 J	3.5E-05 J
3,4,5-Trichlorobiphenyl (PCB 38)	mg/Kg		4.3E-06 U	1E-05 U	1.3E-06 U	1.1E-06 J	4E-06 U	1.4E-05 U	8.2E-07 U	3.7E-05 U	--	5.1E-06 U	1.6E-05 U	4.7E-05 U	8.8E-06 U	9.6E-06 U	2.3E-06 U	3E-06 Jq
3,4',5-Trichlorobiphenyl (PCB 39)	mg/Kg		5.6E-06 J	9.6E-06 U	3.1E-06 J	3.4E-06 J	4.3E-06 J	1.3E-05 U	5.6E-06 J	3.5E-05 U	--	4.8E-06 U	1.5E-05 U	4.4E-05 U	8.3E-06 U	9E-06 U	2.1E-06 U	2.7E-06 U
3,5-Dichlorobiphenyl (PCB 14)	mg/Kg		2.2E-06 J	7.6E-05 U	5.1E-06 U	2.4E-06 U	1E-05 U	1.4E-05 U	4.9E-06 U	0.00012 U	--	6.7E-06 U	0.00027 U	9.6E-06 U	0.00017 U	9.6E-05 U	7.3E-06 U	5.3E-06 U
3-Chlorobiphenyl (PCB 2)	mg/Kg		4.2E-05	1.3E-05 JB	7.9E-06 JB	3E-06 J	3.1E-05 J	5.9E-05	2.7E-06 J	0.00018 JB	--	6E-05	7.2E-06 U	9.2E-05	1.8E-05 JB	4.8E-06 JqB	1.2E-05 J	1.5E-05 J
4,4'-Dichlorobiphenyl (PCB 15)	mg/Kg		0.0002	8.9E-05 U	3.9E-05 Jq	1.1E-05 J	0.0002 q	0.0033	0.00012	0.00064 q	--	0.00015	0.00034 U	0.0027	0.0002 U	0.00013 J	2.7E-05 J	3.7E-05 J
4-Chlorobiphenyl (PCB 3)	mg/Kg		6.8E-05 B	1.6E-05 JB	1.2E-05 JB	4.3E-06 J	6.6E-05	0.00044	3.5E-06 J	0.00014 JB	--	6.1E-05	7.8E-06 U	9.9E-05	1.6E-05 JB	1.2E-05 JqB	1.7E-05 JB	2.2E-05 JB
Decachlorobiphenyl (PCB 209)	mg/Kg		0.052 B	0.0027 B	0.0024 B	0.0012	0.012 EB	0.59 J	0.014 J	0.25 EB	--	0.033 J	0.027 B	0.32 EB	0.0084 B	0.028 B	0.069 EB	0.089 EB
PCB 107/124	mg/Kg		9.6E-05	7.7E-05 Jq	7.7E-05 J	4.9E-06 J	8.3E-05 J	0.00017	3.2E-05 J	0.0021	--	0.0001	3.4E-05 Jq	0.0002	4E-05 Jq	0.00012 J	1.5E-05 J	1.9E-05 J
PCB 110/115	mg/Kg		0.0037 B	0.0024 B	0.0024 B	0.00011	0.0016 B	0.0056	0.00015	0.11 B	--	0.003	0.00086 B	0.0069 B	0.0013 B	0.0054 B	0.00035 B	0.00041 B
PCB 12/13	mg/Kg		7.2E-05 J	9.1E-05 U	2.6E-05 J	5.5E-06 J	7.3E-05 Jq	0.00016	7.9E-06 J	0.00048 J	--	0.0001	0.00033 U	0.00023	0.00021 U	0.00012 U	1.7E-05 J	1.9E-05 J
PCB 128/166	mg/Kg		0.00084	0.0006 J	0.00056	2.3E-05 J	0.00047	0.00098	3.4E-05 J	0.019 G	--	0.00083	0.00026 J	0.0017	0.00028 J	0.00098	8.4E-05	0.0001
PCB 129/138/163	mg/Kg		0.0046 B	0.003 B	0.0028 B	0.0001 J	0.0028 B	0.0068	0.00019	0.14 B	--	0.0054	0.0013 B	0.012 B	0.0018 B	0.007 B	0.00046 B	0.00056 B
PCB 134/143	mg/Kg		0.00012	9.5E-05 J	8.2E-05 J	4.9E-06 J	5.6E-05 J	0.00016	2.4E-05 J	0.0044 G	--	0.00013	3.2E-05 Jq	0.00035	3.8E-05 J	0.00021 J	1.5E-05 J	2E-05 J
PCB 135/151	mg/Kg		0.00054	0.00031 J	0.00028	1.5E-05 J	0.00034	0.0011	5.6E-05 J	0.03 G	--	0.00092	0.00016 J	0.0023	0.00025 J	0.0013	8.1E-05	9.8E-05
PCB 139/140	mg/Kg		5E-05 J	3.6E-05 J	3.1E-05 J	3.7E-06 J	1.7E-05 J	7E-05 J	3.7E-05 J	0.0012 UG	--	4.9E-05 J	2.2E-05 U	0.00011	1.7E-05 U	4.6E-05 Jq	5.4E-06 J	6.4E-06 J
PCB 147/149	mg/Kg		0.0018 B	0.0011 JB	0.00097 B	3.8E-05 J	0.00091	0.0032	8.1E-05	0.083 GB	--	0.0024	0.00051 JB	0.0061	0.00076 JB	0.0037 B	0.00021 B	0.00026 B
PCB 153/168	mg/Kg		0.0028 B	0.0017 B	0.0016 B	5.4E-05 J	0.0019	0.0067	0.00012	0.1 GB	--	0.0039	0.0009 B	0.0083	0.0012 B	0.0049 B	0.00036 B	0.00042 B
PCB 156/157	mg/Kg		0.00078 G	0.00052	0.00048	2.6E-05	0.00057 G	0.0012 J+	8.3E-05	0.016 G	--	0.00074 J+	0.0002	0.0014 G	0.00024	0.00091	7.8E-05	9.4E-05
PCB 171/173	mg/Kg		0.0003	0.00015 J	0.00013	2.5E-05 J	0.00038	0.00064	0.00023	0.01	--	0.00058	7.9E-05 Jq	0.0012	0.00015 J	0.00063 J	5.3E-05 J	7.1E-05 J
PCB 18/30	mg/Kg		5E-05 J	1.6E-05 U	7.1E-06 J	4.1E-06 J	3.6E-05 JB	5E-05 J	3.8E-06 J	0.00038 J	--	0.0001	2.6E-05 U	0.0012 B	5.7E-05 JBq	6.9E-05 J	7.3E-06 J	1.2E-05 J
PCB 180/193	mg/Kg		0.0026 B	0.00096 JB	0.00085 B	4.2E-05 J	0.0043	0.0078	0.00051	0.068 B	--	0.0053	0.00087	0.0098 E	0.0014	0.0049 B	0.00042 B	0.00051 B
PCB 198/199	mg/Kg		0.00057	0.00022 J	0.00018	3.7E-05 J	0.0017	0.0013	0.00034	0.011	--	0.001	0.0003 J	0.0021	0.00034 J	0.00085	0.00032	0.00038
PCB 20/28	mg/Kg		0.00024 B	4E-05 JB	3.7E-05 JB	6.2E-06 J	0.00017 B	0.0027	1.2E-05 J	0.0014 B	--	0.00025	5.3E-05 JB	0.004 B	0.00014 JB	0.00025 JB	2.9E-05 JB	3.8E-05 JB
PCB 21/33	mg/Kg		0.0001 B	9.3E-06 U	9.8E-06 JB	5.4E-06 J	6.7E-05 JB	0.00017	3.4E-06 J	0.00072 JB	--	9.4E-05	1.4E-05 U	0.0018 B	4.3E-05 JBq	9.2E-05 JB	1.7E-05 JB	2.3E-05 JB
PCB 26/29	mg/Kg		2.6E-05 J	9.4E-06 U	5.8E-06 J	2.8E-06 J	2.2E-05 J	4.4E-05 J	2.7E-06 J	0.00019 Jq	--	3.6E-05 J	1.5E-05 U	0.00032	1.8E-05 Jq	3.5E-05 J	1.1E-05 J	1.7E-05 J
PCB 40/71	mg/Kg		0.00011	1.8E-05 Jq	2.1E-05 J	9.8E-06 J	8.8E-05 B	0.00015	5.6E-06 J	0.0008 J	--	0.00017	3.6E-05 Jq	0.0023 B	5.2E-05 JBq	0.00016 J	2E-05 J	2.6E-05 J
PCB 44/47/65	mg/Kg		0.00033 B	0.0001 JB	0.00011 JB	1.2E-05 J	0.00023 B	0.00091	1.7E-05 J	0.0033 B	--	0.00039	7.8E-05 JqB	0.0044 B	0.00015 JB	0.00054 JB	5.4E-05 JB	7.1E-05 JB
PCB 49/69	mg/Kg		0.00015 B	4.8E-05 JB	5.1E-05 JB	5.9E-06 J	0.00012 B	0.00031	1E-05 J	0.0027 B	--	0.00018	5.2E-05 J	0.0028 B	7.3E-05 JB	0.00027 JB	2.6E-05 JB	3.5E-05 JB
PCB 50/53	mg/Kg		1.6E-05 J	5.2E-06 U	3.5E-06 J	7.1E-07 J	1.6E-05 J	2.8E-05 J	2.2E-06 J	0.00022 J	--	3.7E-05 J	1.1E-05 U	0.00069	1.3E-05 Jq	3.6E-05 J	4E-06 J	5.7E-06 J
PCB 59/62/75	mg/Kg		1.8E-05 J	4.8E-06 Jq	3.6E-06 J	4E-06 J	1.5E-05 J	5.2E-05 J	6.5E-06 J	0.00016 J	--	3.3E-05 J	9E-06 U	0.00049	5.5E-06 U	1.7E-05 Jq	5.3E-06 J	7.6E-06 J
PCB 61/70/74/76	mg/Kg		0.0011 B	0.00033 JB	0.00039 B	3.6E-05 J	0.0011 B	0.0032	4.9E-05 J	0.01 B	--	0.001	0.00026 JB	0.0084 B	0.00046 JB	0.00099 JB	0.00018 B	0.00021 B
PCB 85/116/117	mg/Kg		0.0004	0.00028 J	0.00025	1.9E-05 J	0.0002	0.00087	3.4E-05 J	0.013	--	0.00042	8.7E-05 Jq	0.0012	0.00016 J	0.00056 J	5E-05 J	6.1E-05 J
PCB 86/87/97/109/119/125	mg/Kg		0.0015	0.00094 JB	0.00086 B	5.2E-05 J	0.00076	0.0027	0.00011 J	0.043 B	--	0.0011	0.0004 JB	0.0035	0.00055 JB	0.0025 B	0.00017 J	0.00021 J
PCB 88/91	mg/Kg		0.00016	0.00012 J	9.9E-05	5.2E-06 J	7.5E-05 J	0.00032	2.1E-05 J	0.0076 G	--	0.00016	3.4E-05 Jq	0.00071	6.5E-05 J	0.00036 J	1.8E-05 J	2.2E-05 J
PCB 90/101/113	mg/Kg		0.0021 B	0.0013 JB	0.0012 B	6E-05 J	0.00097 B	0.004	0.0001 J	0.086 B	--	0.0018	0.00051 JB	0.0051 B	0.00069 JB	0.004 B	0.00024 B	0.0003 B
PCB 93/100	mg/Kg		4.4E-05 U	3.2E-05 U	2.5E-05 U	2.6E-06 U	2E-05 U	8E-05 UJ+	9E-06 UJ	0.0011 UG	--	3.7E-05 U	2.2E-05 U	7.8E-05 U	2.1E-05 U	6.8E-05 U	6.4E-06 U	8.7E-06 U
PCB 98/102	mg/Kg		4.1E-05 U	2.9E-05 U	2.3E-05 U	2.4E-06 U	1.9E-05 U	7.5E-05 U	8.3E-06 U	0.001 UG	--	3.5E-05 U	2E-05 U	0.00011	2E-05 U	6.4E-05 U	6E-06 U	8.1E-06 U
Total Dichlorobiphenyl	mg/Kg		0.00057 Bq	0.0001 U	0.00015 Jq	2.9E-05 J	0.00045 q	0.0042	0.00014 J	0.0073 q	--	0.00078 J	0.0015 J	0.0038 q	0.00021 U	0.00013 J	0.0011 B	0.0013 Bq
Total Heptachlorobiphenyl	mg/Kg		0.008 B	0.0034 JBq	0.0029 qB	0.00024 J	0.013 q	0.019	0.0022	0.24 B	--	0.017	0.0026 Jq	0.032	0.0046 q	0.016 qB	0.0013 Bq	0.0016 Bq
Total Hexachlorobiphenyl	mg/Kg		0.016 B	0.0099 Bq	0.0092 B	0.00042 J+	0.0095 Bq	0.026	0.0015 J+	0.52 B	--	0.019	0.0044 qB	0.042 Bq	0.0061 Bq	0.026 qB	0.0018 Bq	0.0022 Bq
Total Monochlorobiphenyl	mg/Kg		0.00016 JB	4.8E-05 JB	3.1E-05 JB	1.1E-05 J	0.00015 JB	0.00066	1.1E-05 J	0.00063 JB	--	0.0002 J	7.8E-06 U	0.00032 JB	7E-05 JB	3E-05 JqB	3.9E-05 JB	5.2E-05 JB
Total Nonachlorobiphenyl	mg/Kg		0.0033	0.00075 J	0.00063	0.00034 J	0.0026	0.015	0.0031	0.01	--	0.0028	0.001 J	0.0058	0.0011 J	0.0012 J	0.00099	0.0012
Total Octachlorobiphenyl	mg/Kg		0.0026	0.00089 Jq	0.00077 q	0.00021 J	0.0066	0.0096	0.0019	0.045	--	0.0046	0.0011 Jq	0.0084	0.0014 Jq	0.0036 Jq	0.00084	0.001 q
Total PCBs (Lab calculated)	mg/Kg	**0.83**	0.1 Bq	0.03 Bq	0.028 qB	0.0032 J+	0.058 Bq	0.31 J+	0.025 J+	**1.6 qB**	--	0.096 J	0.043 qB	0.52 Bq	0.03 Bq	0.1 qB	0.078 Bq	0.1 Bq
Total Pentachlorobiphenyl	mg/Kg		0.017 B	0.011 Bq	0.01 qB	0.00053 J+	0.0093 Bq	0.031 J+	0.0011 J+	0.5 B	--	0.014 J	0.0041 JqB	0.037 Bq	0.0056 Bq	0.025 qB	0.0018 Bq	0.0021 Bq
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	**0.0027**	1.2E-05	4E-05	4.5E-05	--	1.2E-05	--	--	0.00019	--	--	5.4E-08	1.5E-05	3.4E-05	2E-05	1.2E-06	1.4E-06
Total TEQ-Dioxin/Furan only	mg/Kg	**0.0027**	--	4E-05	4.5E-05	2.1E-05	--	--	--	0.00019	--	--	--	--	3.4E-05	2E-05	--	--
Total TEQ-PCB Congener Only	mg/Kg		1.2E-05	9.1E-06	8.2E-06	4.9E-07	1.2E-05	8.6E-06 J	2.6E-06 J	4.1E-06	--	8.8E-06 J	5.4E-08	1.5E-05	7.3E-08	2.1E-07	1.2E-06	1.4E-06
Total Tetrachlorobiphenyl	mg/Kg		0.0043 Bq	0.0014 JBq	0.0016 qB	0.00015 J	0.0036 Bq	0.01	0.00031 J	0.055 B	--	0.0042	0.00087 JqB	0.044 Bq	0.0019 JBq	0.0048 qB	0.00064 Bq	0.00081 Bq
Total Trichlorobiphenyl	mg/Kg		0.0012 B	0.00013 JB	0.00019 JqB	5.1E-05 J	0.00087 Bq	0.0047 J+	8.4E-05 J	0.0067 qB	--	0.0013 J	0.00018 JqB	0.019 Bq	0.00058 JBq	0.001 JqB	0.00038 JBq	0.00046 Bq
Aroclor 1016	mg/Kg	23.6	--	--	--	--	--	--	--	--	0.0045 UJ	--	--	--	--	--	--	--
Aroclor 1221	mg/Kg	0.83	--	--	--	--	--	--	--	--	0.0045 UJ	--	--	--	--	--	--	--
Aroclor 1232	mg/Kg	0.83	--	--	--	--	--	--	--	--	0.0045 UJ	--	--	--	--	--	--	--
Aroclor 1242	mg/Kg	0.83	--	--	--	--	--	--	--	--	0.0045 UJ	--	--	--	--	--	--	--
Aroclor 1248	mg/Kg	0.83	--	--	--	--	--	--	--	--	0.0045 UJ	--	--	--	--	--	--	--
Aroclor 1254	mg/Kg	0.83	--	--	--	--	--	--	--	--	0.0028 U	--	--	--	--	--	--	--
Aroclor 1260	mg/Kg	0.83	--	--	--	--	--	--	--	--	0.0028 U	--	--	--	--	--	--	--
Total PCBs (Lab calculated)	mg/Kg	0.83	--	--	--	--	--	--	--	--	0.0028 U	--	--	--	--	--	--	--

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1
		Location	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	HP1-1	HP1-1	HP1-1	HP1-2	HP1-2	HP1-3	HP1-3	HP1-3	HP1-4	HP1-4	HP1-4	HP1-5	HP1-5
		Sample Name	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	DUP	HP1-1-1	HP1-1-2	HP1-2-1	HP1-2-2	HP1-3-1	HP1-3-2	HP1-3-3	HP1-4	HP1-4-1	HP1-4-2	HP1-5-1	HP1-5-2
		Start Depth	0	0	0	0	0	0	1.8	0	2	0	1.1	2	DUP-2	0	1.9	0	1.9
		End Depth	0.5	0.5	0.5	0.5	1	1	2.3	1	2.5	1	1.5	2.5	1.9	1	2.5	1	2.5
		Depth Units	ft	ft	ft	ft	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013
		Parent Sample		FM-SS-2_SS_11/20/13			HP1-1-1_07/10/13								HP1-4-2_07/10/13				
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	mg/Kg		0.0002 J	0.00033 J	0.0022	0.0011	0.000403	0.000631	2.33E-05 J	0.00135	2.96E-05 J	0.177	0.76	0.0237	2.86E-05 J	0.00328	5.67E-05 J+	0.0197	0.000137 J+
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	mg/Kg		4.9E-05 J	7.1E-05 J	0.00043 J	0.00031	0.000125	0.000191	7.1E-06 J	0.00162	2.12E-05 J	0.019	0.0725	0.00235	1.7E-05 J	0.00225	1.99E-05 J	0.00185	1.67E-05 J
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)	mg/Kg		0.00021 J	0.00037 J	0.00081	0.00048	0.000529	0.000806	2.72E-05 J	0.00166	3.52E-05 J	0.293	1.29	0.037	3.6E-05 J	0.00327	8.26E-05 J+	0.0281	0.000227 J+
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	mg/Kg		5.6E-06 U	9.9E-06 U	0.00011 J	4.8E-05	4.52E-05 J	7.67E-05 J+	5.24E-05 U	0.000578	7.25E-06 J	0.00877	0.0347	0.00124	5.34E-05 U	0.000787	1.11E-05 J	0.000806	1.7E-05 J
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (PCB 196)	mg/Kg		2.6E-05 J	3.7E-05 J	0.00015 J	0.00013	0.00012	0.000186	5.05E-06 J	0.000816	1.16E-05 J	0.0466	0.183	0.00613	1.13E-05 J	0.00164	1.6E-05 J	0.00509	2.81E-05 J
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/Kg		6.8E-05 J	0.00012 J	0.00033 Jq	0.00031	0.000736	0.00086	2.41E-05 J	0.0126	0.000135	0.00471	0.0154	0.000763	0.000106	0.0178	0.000112	0.00106	1.4E-05 J
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB 197)	mg/Kg		2.3E-05 J	4.3E-05 J	4.9E-05 J	4.9E-05	7.02E-05 J	8.32E-05 J	2.83E-06 J	0.000187	4.07E-06 J	0.0384	0.145	0.00451	3.37E-06 J	0.000396	9.17E-06 J	0.00336	3.11E-05 J
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	mg/Kg		0.0002 J	0.00033 J	0.0012	0.00064	0.000292	0.00039	1.46E-05 J	0.000899	2E-05 J	0.142	0.578	0.0177	2.1E-05 J	0.0018	0.000136 J	0.0131	0.000137 J+
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172)	mg/Kg		5.7E-06 U	2E-05 Jq	9.4E-05 Jq	8.2E-05	9.9E-05	0.000158	4.76E-06 J	0.00155	1.79E-05 J	0.0177	0.0724	0.00244	1.38E-05 J	0.00226	1.93E-05 J	0.002	1.66E-05 J
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)	mg/Kg		8.4E-06 Jq	1.6E-05 J	0.00017 J	6.8E-05	2.34E-05 J	3.6E-05 J	0.000105 U	0.000183	0.000107 U	0.0125 J+	0.0578	0.00171 J+	3.22E-06 J	0.000349	4.95E-06 J	0.00126	1.05E-05 J
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	mg/Kg		2.5E-05 J	4.1E-05 J	9.3E-05 J	6.7E-05	7.45E-05 J+	0.000107	3.8E-06 J	0.000313	5.59E-06 J	0.0396	0.157	0.00564	5.58E-06 J	0.000624	1.26E-05 J	0.0039	3.61E-05 J
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	mg/Kg		7.5E-05 J	0.00012 J	0.00045 J	0.00031	0.000361	0.000366	1.2E-05 J	0.00588	5.98E-05	0.00832	0.0313	0.000936	5.07E-05 J	0.00893	6.13E-05	0.0012	1.53E-05 J
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB 175)	mg/Kg		7E-06 U	1.2E-05 U	3.2E-05 J	2.9E-05 J	6.51E-05 J+	9.77E-05	5.24E-05 U	0.00081	6E-06 J	0.0181	0.0717	0.00191	5.06E-06 J	0.00138	1.07E-05 J	0.00147	1.28E-05 J
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB 177)	mg/Kg		2.8E-05 Jq	4.6E-05 Jq	0.00018 J	0.00014	0.000222	0.000258	8.76E-06 J	0.00439	4.12E-05 J	0.00795	0.0291	0.00089	3.41E-05 J	0.00608	4.22E-05 J	0.000909	5.2E-05 U
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB 130)	mg/Kg		1.6E-05 J	1.9E-05 Jq	9.9E-05 Jq	9.5E-05	0.000385	0.000478	9.91E-06 J	0.00751	4.96E-05 J	0.00627	0.0438 J+	0.00207	5.78E-05	0.0115	7.55E-05	0.000702	5.2E-05 U
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB 176)	mg/Kg		1E-05 J	1.4E-05 J	4.5E-05 J	3.3E-05 J	4.84E-05 J	6.24E-05	1.59E-06 J	0.000745	7.77E-06 J	0.0106	0.0433	0.00131	5.85E-06 J	0.0013	1.11E-05 J	0.000941	9.39E-06 J
2,2',3,3',4,6-Hexachlorobiphenyl (PCB 131)	mg/Kg		1E-05 U	1.4E-05 U	3.3E-05 J	1.9E-05 J	4.14E-05 J	5.32E-05	5.24E-05 U	0.00109	1.2E-05 J	0.00293	0.0119	0.000327	7.93E-06 J	0.00186	9.48E-06 J	0.000276	5.2E-05 U
2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132)	mg/Kg		8.4E-05 J	0.00012 J	0.00036 J	0.00037 B	0.00143	0.00177	5.83E-05 J+	0.0324	0.000309	0.00318	0.00927	0.000507	0.000293	0.0656	0.000334	0.00208	3.74E-05 J
2,2',3,3',4-Pentachlorobiphenyl (PCB 82)	mg/Kg		2.7E-05 J	2.7E-05 J	0.00013 J	0.00015	0.000517	0.000678	1.91E-05 J	0.00946	0.0002 U	0.00601	0.0162 J+	0.000695	0.000114 J+	0.0208	0.000159 J+	0.00115	5.2E-05 U
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	mg/Kg		2.6E-05 Jq	3.9E-05 J	0.00026 J	0.00015	3.28E-05 J	4.3E-05 J	0.000105 U	0.000194	2.53E-06 J	0.012	0.0486	0.00166	2.87E-06 J	0.000538	7E-06 J	0.00117	1.27E-05 J
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	mg/Kg		1.1E-05 Jq	2.3E-05 J	0.0001 J	6.6E-05	5.92E-05	7.05E-05	5.24E-05 U	0.000818	9.51E-06 J	0.0113	0.0429	0.00139 J+	8.36E-06 J	0.0014	8.94E-06 J	0.00114	1.06E-05 J
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)	mg/Kg		9.5E-06 U	1.3E-05 U	4.9E-05 J	2.2E-05 J	4.89E-05 J	6.35E-05	5.24E-05 U	0.000857	5.34E-05 U	0.00712	0.0284	0.00091	8.03E-06 J	0.00159	1.13E-05 J	0.000558	5.2E-05 U
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB 179)	mg/Kg		2.2E-05 J	3.2E-05 Jq	0.00014 J	9.1E-05	9E-05	0.000117	3.49E-06 J	0.00181	1.79E-05 J	0.00645	0.0262	0.00092	1.59E-05 J	0.003	1.9E-05 J	0.000662	8.33E-06 J
2,2',3,3',5-Pentachlorobiphenyl (PCB 83)	mg/Kg		1.1E-05 U	2.2E-05 U	5.5E-05 U	3.4E-05 U	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136)	mg/Kg		2.1E-05 J	2.5E-05 J	0.00011 J	9.6E-05	0.000372	0.000441	8.83E-06 J	0.00739	7.6E-05 J+	0.00225	0.00787	0.000317	0.000104 J+	0.017	0.000121 J+	0.000601	1.38E-05 J
2,2',3,3',6-Pentachlorobiphenyl (PCB 84)	mg/Kg		4E-05 Jq	4.9E-05 Jq	0.00019 J	0.00013	0.00065	0.000856	2.62E-05 J+	0.0126	0.000197 J+	0.00194	0.00356	0.00028 J+	0.000212 J+	0.0343	0.00024 J+	0.00105	4.07E-05 J+
2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	mg/Kg		4.5E-05 J	7.2E-05 J	0.00055 J	0.00031	7.63E-05	9.96E-05	3.25E-06 J	0.000626	8.91E-06 J	0.0209	0.0809	0.00268	1.04E-05 J	0.00152	1.16E-05 J	0.00188	8.41E-06 J
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB 204)	mg/Kg		7E-06 J	9E-06 Jq	4.1E-05 J	3.1E-05 J	5.84E-05 J+	7.99E-05	2.22E-06 J	0.000168	2.37E-06 J	0.0318	0.133	0.00445	3.26E-06 J	0.000298	7.72E-06 J	0.00317	2.66E-05 J
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB 181)	mg/Kg		4.7E-06 U	8.1E-06 U	3.4E-05 J	1E-05 Jq	3.61E-05 J	5.2E-05 U	5.24E-05 U	6.03E-05 U	5.34E-05 U	0.00652	0.0278	0.000939	5.34E-05 U	0.000711	4.9E-06 J	0.000807	5.2E-05 U
2,2',3,4,4',5,6'-Heptachlorobiphenyl (PCB 182)	mg/Kg		6.5E-06 U	1.1E-05 U	1.6E-05 J	1.3E-05 J	2.42E-05 J	3.22E-05 J	5.24E-05 U	0.000239	5.34E-05 U	0.0104	0.0408	0.00119	5.34E-05 U	0.000422	3.94E-06 J	0.000923	7.65E-06 J
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	mg/Kg		3.8E-05 J	5.5E-05 Jq	0.0002 J	0.00019	0.000292	0.000375	1.16E-05 J	0.0049	5.33E-05 J	0.0248	0.0994	0.00319	4.23E-05 J	0.00816	6.01E-05 J	0.0025	2.43E-05 J
2,2',3,4,4',5-Hexachlorobiphenyl (PCB 137)	mg/Kg		1.3E-05 J	1.5E-05 Jq	6.5E-05 J	7.4E-05	0.000288	0.000442	2.47E-05 J	0.00727	4.64E-05 J	0.0027	0.0205 J+	0.000959 J+	5.37E-05	0.0127	7.22E-05	0.000316	5.2E-05 U
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB 184)	mg/Kg		5.9E-06 J	8.8E-06 U	2.3E-05 Jq	2.1E-05 J	2.97E-05 J	3.68E-05 J	5.24E-05 U	0.000135	5.34E-05 U	0.0163	0.0714	0.00231	5.34E-05 U	0.000196	3.22E-06 J	0.00163	1.2E-05 J
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB 185)	mg/Kg		1.4E-05 Jq	3E-05 Jq	0.00054 J	0.00014 q	0.000103 U	0.000104 U	0.000105 U	0.000102 U	0.000107 U	0.000985 U	0.00175 U	0.000105 U	0.000107 U	0.000138 U	0.000107 U	0.000102 U	0.000104 U
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	mg/Kg		9.4E-05 J	0.00014 J	0.0007 J	0.00048	0.000263	0.000335	9.65E-06 J	0.00459	4.3E-05 J	0.0122	0.0493	0.00149	3.76E-05 J	0.00821	5.03E-05 J	0.00133	1.34E-05 J
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	mg/Kg		5.6E-05 J	7.4E-05 J	0.00048 J	0.00029	0.000701	0.000783	2.29E-05 J	0.0124	0.000111 J+	0.003	0.0194 J+	0.00092	0.000119 J+	0.0213	0.000143	0.00105	1.85E-05 J
2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146)	mg/Kg		3.7E-05 J	4.4E-05 J	0.00022 J	0.00018	0.000451	0.000543	5.24E-05 U	0.00881	7.74E-05 J+	0.0115	0.0416	0.00191	7.69E-05 J+	0.0159	9.73E-05	0.0018	1.66E-05 J
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB 186)	mg/Kg		5E-06 U	8.3E-06 U	9.3E-06 Jq	4.9E-06 J	4.59E-06 J	5.54E-06 J	5.24E-05 U	1.45E-05 J	5.34E-05 U	0.00308	0.0118	0.000341	5.34E-05 U	2.88E-05 J	5.33E-05 U	0.000261 J+	5.2E-05 U
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	mg/Kg		4.4E-06 U	7.7E-06 U	1.3E-05 J	1.2E-05 J	2.68E-05 J	3.25E-05 J	5.24E-05 U	5.12E-05 U	2.75E-06 J	0.0109	0.0496	0.00147	5.34E-05 U	0.000317	5.33E-05 U	0.00113	7.41E-06 J
2,2',3,4,5,6-Hexachlorobiphenyl (PCB 142)	mg/Kg		9.3E-06 U	1.3E-05 U	9.1E-05 J	2.8E-05 J	5.15E-05 UJ	0.000332 J	5.24E-05 U	0.00385	6.02E-05	0.00551	0.0211	0.000657	5.9E-05	0.000131 U	2.44E-05 J	0.000606	5.2E-05 U
2,2',3,4,5',6-Hexachlorobiphenyl (PCB 144)	mg/Kg		1E-05 J	1.2E-05 J	0.0001 J	5.8E-05	8.64E-05	9E-05 J+	5.5E-06 J	0.00251	2.54E-05 J	0.00132	0.00506	0.000253	9.94E-06 J	0.00372	1.89E-05 J	0.000213	6.4E-06 J
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB 148)	mg/Kg		8.3E-06 U	1.1E-05 U	1.7E-05 U	9.9E-06 U	5.15E-05 U	7.72E-06 J	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00838	0.0303	0.0009	5.34E-05 U	0.000237 U	5.33E-05 U	0.000558	4.31E-06 J
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB 145)	mg/Kg		6E-06 U	8.1E-06 U	1.2E-05 U	7.1E-06 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00218	0.0081	0.00024	5.34E-05 U	0.000161 U	5.33E-05 U	0.000154	1.63E-06 J
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB 150)	mg/Kg		5.6E-06 U	7.5E-06 U	1.1E-05 U	6.7E-06 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	1.75E-05 J	0.0035	0.0135	0.000469	5.34E-05 U	0.000157 U	5.33E-05 U	0.000269	2.58E-06 J
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)	mg/Kg		8.9E-06 U	1.7E-05 U	4.4E-05 U	2.7E-05 U	5.15E-05 U	1.64E-05 J	5.24E-05 U	0.000313	5.34E-05 U	0.00977	0.0332	0.00114	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000592	5.81E-06 J
2,2',3,4-Tetrachlorobiphenyl (PCB 41)	mg/Kg		6.9E-06 U	1.2E-05 U	2.4E-05 J	1.2E-05 J	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2',3,4'-Tetrachlorobiphenyl (PCB 42)	mg/Kg		5.9E-06 U	1E-05 U	4.1E-05 J	3.1E-05 J	2.13E-05 J	2.82E-05 J	5.24E-05 U	0.000619	8.73E-06 J	0.00127 J+	0.00593	0.000185	1.1E-05 J	0.00117	1.2E-05 J	9.24E-05 J+	5.2E-05 U
2,2',3,5,5'-Pentachlorobiphenyl (PCB 92)	mg/Kg		3.3E-05 Jq	5.2E-05 J	0.00021 J	0.0002	0.000502 J	0.000843 J	1.53E-05 J	0.0104	0.000183 U	0.00377	0.0164	0.000518	0.00016 J+	0.0262	0.000182 J+	0.0011	5.2E-05 U
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	mg/Kg		5.7E-06 U	7.7E-06 U	1.2E-05 U	6.8E-06 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.0021	0.00842	0.000297	5.34E-05 U	0.000167 U	5.33E-05 U	0.000157	1.59E-06 J
2,2',3,5,6'-Pentachlorobiphenyl (PCB 94)	mg/Kg		8.4E-06 U	1.6E-05 U	4.1E-05 U	2.5E-05 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.000614	0.00153	4.71E-05 J	5.34E-05 U	5.03E-05 U	5.33E-05 U	1.85E-05 J	5.2E-05 U
2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	mg/Kg		0.00013 JB	0.00017 JqB	0.0007 JB	0.00048 B	0.00222	0.00268	7.4E-05 J	0.0379	0.000642 J+	0.00528 J+	0.0114 J+	0.000845 J+	0.00115 J+	0.122	0.00102 J+	0.0042	0.000163 J
2,2',3,5-Tetrachlorobiphenyl (PCB 43)	mg/Kg		6.1E-06 U	1E-05 U	2E-05 Jq	1E-05 J	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2',3,6,6'-Pentachlorobiphenyl (PCB 96)	mg/Kg		2.9E-06 U	5E-06 U	3.9E-06 Jq	4E-06 Jq	5.54E-06 J	6.48E-06 J	5.24E-05 U	7.64E-05	5.34E-05 U	0.00111	0.00437	0.000136	5.34E-05 U	0.000352	4.87E-06 J	9.84E-05	5.2E-05 U
2,2',3,6-Tetrachlorobiphenyl (PCB 45)	mg/Kg		6E-06 U	1E-05 U	2.7E-05 J	1.1E-05 J	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2',3,6'-Tetrachlorobiphenyl (PCB 46)	mg/Kg		6.4E-06 U	1.1E-05 U	7.2E-06 U	5.2E-06 J	3.5E-06 J	2.08E-05 U	2.1E-05 U	4.49E-05	2.14E-05 U	0.0114	0.045	0.000275	2.14E-05 U	0.000114 J+	3.39E-06 J	0.000201	2.08E-05 U
2,2',3-Trichlorobiphenyl (PCB 16)	mg/Kg		3.4E-05 U	5.4E-05 U	3.6E-05 J	2.4E-05 J	2.06E-05 U	2.08E-05 U	2.1E-05 U	4.5E-05	2.14E-05 U	0.00118	0.00482	0.000177	2.14E-05 U	3.17E-05	2.13E-05 U	8.88E-05 J+	2.08E-05 U
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	mg/Kg		7.4E-06 U	9.9E-06 U	1.6E-05 J	1.3E-05 J	0.000103 U	0.000104 U	0.000105 U	0.000102 U	0.000107 U	0.00291	0.0134	0.000429	0.000107 U	0.000196 U	0.000107 U	0.000204	2.19E-06 J
2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	mg/Kg		9.4E-05 J	0.00013 J	0.00045 J	0.00059	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	mg/Kg		5.5E-06 U	7.1E-06 U	1.1E-05 U	9E-06 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00416	0.0174	0.000524	5.34E-05 U	0.000176 U	5.33E-05 U	0.000318	1.92E-06 J
2,2',4,5',6-Pentachlorobiphenyl (PCB 103)	mg/Kg		7.3E-06 U	1.4E-05 U	3.6E-05 U	2.2E-05 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00264	0.0103	0.000301	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000175	5.2E-05 U
2,2',4,5-Tetrachlorobiphenyl (PCB 48)	mg/Kg		5.5E-06 U	9.2E-06 U	7.9E-05 J	4E-05 J	0.000108 J+	5.2E-05 U	5.79E-06 J	5.12E-05 U	4.45E-05 J	0.00314 J+	0.0169	0.00046	9.13E-05	0.00513	6.62E-05	0.000419 J+	5.2E-05 U
2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	mg/Kg		2.6E-06 U	4.1E-06 U	3.1E-06 U	2.4E-06 J	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00124	0.00509	0.00015	5.34E-05 U	5.03E-05 U	5.33E-05 U	7.86E-05	5.2E-05 U
2,2',4,6'-Tetrachlorobiphenyl (PCB 51)	mg/Kg		5E-06 U	8.4E-06 U	5.7E-06 U	2.2E-06 J	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2',4-Trichlorobiphenyl (PCB 17)	mg/Kg		2.4E-05 U	3.8E-05 U	2.5E-05 Jq	2E-05 J	2.06E-05 U	2.08E-05 U	2.1E-05 U	4.31E-05	2.14E-05 U	0.00573	0.0212	0.000577	2.14E-05 U	3.4E-05	2.13E-05 U	0.000285	2.08E-05 U

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1
		Location	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	HP1-1	HP1-1	HP1-1	HP1-2	HP1-2	HP1-3	HP1-3	HP1-3	HP1-4	HP1-4	HP1-4	HP1-5	HP1-5
		Sample Name	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	DUP	HP1-1-1	HP1-1-2	HP1-2-1	HP1-2-2	HP1-3-1	HP1-3-2	HP1-3-3	HP1-4	HP1-4-1	HP1-4-2	HP1-5-1	HP1-5-2
		Start Depth	0	0	0	0	0	0	1.8	0	2	0	1.1	2	DUP-2	0	1.9	0	1.9
		End Depth	0.5	0.5	0.5	0.5	1	1	2.3	1	2.5	1	1.5	2.5	1.9	1	2.5	1	2.5
		Depth Units	ft	ft	ft	ft	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013
		Parent Sample		FM-SS-2_SS_11/20/13			HP1-1-1_07/10/13								HP1-4-2_07/10/13				
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	mg/Kg		0.0001 JB	0.00013 JB	0.00073 JB	0.00075 B	0.000923	0.00108	3.78E-05 J	0.0152	0.000327 J+	0.00478 J+	0.0173	0.000748 J+	0.000978	0.0741	0.000867	0.00311 J+	0.00012 J+
2,2',6,6'-Tetrachlorobiphenyl (PCB 54)	mg/Kg		5.6E-06 U	1.1E-05 U	7.8E-06 U	1.3E-06 Jq	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.000322	0.00136	4.09E-05 J	5.34E-05 U	5.03E-05 U	5.33E-05 U	1.87E-05 J	5.2E-05 U
2,2',6-Trichlorobiphenyl (PCB 19)	mg/Kg		2.5E-05 U	3.7E-05 U	2.2E-05 U	4.5E-06 Jq	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.000987	0.00466	0.000132	2.14E-05 U	2.01E-05 U	2.13E-05 U	5.64E-05	2.08E-05 U
2,2'-Dichlorobiphenyl (PCB 4)	mg/Kg		0.00015 U	0.00017 U	0.00011 U	2.8E-05 Jq	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00511	0.0278	0.000815	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000287	5.2E-05 U
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	mg/Kg		8.5E-06 Jq	9E-06 U	0.00014 J	7E-05	6.04E-05	7.37E-05	5.24E-05 U	0.000202	5.31E-06 J	0.0345	0.138	0.00437	5.34E-05 U	0.000369	6.64E-06 J	0.00293	2.13E-05 J
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/Kg		7.8E-06 U	1.4E-05 U	5.5E-05 J	3.2E-05	4.62E-05 J	6.29E-05	5.24E-05 U	0.000569	6.3E-06 J	0.0161	0.0648	0.0019	5.34E-05 U	0.000848	1.33E-05 J	0.0014	1.05E-05 J
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB 190)	mg/Kg		1.3E-05 Jq	3E-05 Jq	0.00025 J	0.00015	0.000112	0.000155 J+	5.62E-06 J	0.0022	2.14E-05 J	0.0125	0.0342	0.00126	1.59E-05 J	0.00295	2.09E-05 J	0.000961	1.01E-05 J
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB 191)	mg/Kg		4.1E-06 U	7.2E-06 U	2.6E-05 Jq	2.8E-05 J	3.34E-05 J	5.2E-05 U	5.24E-05 U	0.000443	4.44E-06 J	0.00802	0.0312	0.000951	5.34E-05 U	0.000681	6.13E-06 J	0.000817	5.2E-05 U
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158)	mg/Kg		3E-05 J	3.3E-05 Jq	0.00017 J	0.00016	0.000569	0.00069	2.08E-05 J	0.0126	9.5E-05 J+	0.00386	0.0205 J+	0.00109	0.000104	0.0197	0.000122	0.000881	1.39E-05 J
2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/Kg		0.00012	0.00018	0.0006	0.00066 G	0.00279	0.00352 J-	0.000114 J+	0.0487	0.000519	0.00461	0.0182	0.00083	0.000605	0.0895	0.000557	0.00375	4.38E-05 J
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB 192)	mg/Kg		4.3E-06 U	7.4E-06 U	1.2E-05 Jq	1E-05 J	4.63E-05 J	5.2E-05 U	5.24E-05 U	5.25E-05 U	5.34E-05 U	0.00493	0.0214	0.000928	5.34E-05 U	0.000122 U	5.33E-05 U	0.000653	5.2E-05 U
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB 159)	mg/Kg		5.4E-06 U	8.6E-06 U	2.5E-05 U	1E-05 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	0.000108 U	5.34E-05 U	0.00681	0.0236	0.000814	5.34E-05 U	0.000329 U	5.33E-05 U	0.000615	5.2E-05 U
2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	mg/Kg		5.2E-06 U	8.3E-06 U	2.4E-05 U	9.6E-06 U	2.85E-05 J	3.97E-05 J	5.24E-05 U	0.000542	5.34E-05 U	0.00749	0.0271	0.000871	5.34E-05 U	0.000771 J+	5.33E-05 U	0.000608	4.51E-06 J
2,3,3',4,5,6-Hexachlorobiphenyl (PCB 160)	mg/Kg		7.4E-06 U	9.9E-06 U	0.00016 J	5.6E-05	0.000206 U	0.000208 U	0.00021 U	0.000205 U	0.000214 U	0.00283	0.0178 J+	0.000831	0.000214 U	0.000201 U	0.000213 U	0.000235	0.000208 U
2,3,3',4,5',6-Hexachlorobiphenyl (PCB 161)	mg/Kg		6.4E-06 U	8.6E-06 U	1.3E-05 U	7.6E-06 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00375	0.0163 J+	0.000736	5.34E-05 U	8.28E-05 U	5.33E-05 U	0.000258	5.2E-05 U
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164)	mg/Kg		1.7E-05 Jq	3.2E-05 J	9.9E-05 J	9.9E-05	0.000901	0.0011	6.37E-06 J	0.00334	3.55E-05 J	0.00851	0.0436 J+	0.00175	0.000145	0.0207	0.000113	0.00113	1.47E-05 J
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)	mg/Kg		7.1E-06 U	1.4E-05 U	9E-05 J	4E-05 J	0.000476 J	0.000944 J	1.84E-05 J	0.00898	0.000105	0.0197	0.0815	0.00255	8.87E-05 J+	0.0133	8.32E-05 J+	0.00183	1.61E-05 J
2,3,3',4',5'-Pentachlorobiphenyl (PCB 122)	mg/Kg		7.3E-06 U	1.4E-05 U	3.6E-05 U	2.2E-05 U	5.15E-05 U	9.56E-05	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00155	0.00919	0.000298	1.51E-05 J	0.00228	5.33E-05 U	0.000319	5.2E-05 U
2,3,3',4,6-Pentachlorobiphenyl (PCB 109)	mg/Kg		1.4E-05 J	1.7E-05 J	7.6E-05 Jq	8.5E-05	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,3',4-Tetrachlorobiphenyl (PCB 55)	mg/Kg		6.7E-06 U	1.2E-05 U	4.1E-05 U	1.7E-05 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.0018	0.00464	6.94E-05	5.34E-05 U	5.03E-05 U	5.33E-05 U	3.91E-05 J	5.2E-05 U
2,3,3',4'-Tetrachlorobiphenyl (PCB 56)	mg/Kg		1.5E-05 JB	2.6E-05 JB	0.00011 JB	9.8E-05	0.000142	0.000217	5.71E-06 J	0.00269	3.89E-05 J	0.00878	0.0273	0.000928	3.47E-05 J	0.00682	3.89E-05 J	0.000715	6.52E-06 J
2,3,3',5,5',6-Hexachlorobiphenyl (PCB 165)	mg/Kg		7.4E-06 U	1E-05 U	1.5E-05 U	8.8E-06 U	6.73E-05 J+	5.2E-05 U	5.24E-05 U	0.000339 J+	5.34E-05 U	0.00456	0.0178	0.000804	6.23E-06 J	0.000895	5.33E-05 U	0.0007	5.2E-05 U
2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	mg/Kg		5.8E-06 U	1.1E-05 U	2.9E-05 U	1.8E-05 U	0.000115 U	5.2E-05 U	5.24E-05 U	9.33E-05 U	0.000118 U	0.00403	0.0199	0.000486	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000309	5.2E-05 U
2,3,3',5,6-Pentachlorobiphenyl (PCB 112)	mg/Kg		5.6E-06 U	1.1E-05 U	2.8E-05 U	1.7E-05 U	0.000132 U	5.2E-05 U	5.24E-05 U	0.000102 U	0.000128 U	0.0025	0.0104	0.000289	5.34E-05 U	5.03E-05 U	5.33E-05 U	5.1E-05 U	5.2E-05 U
2,3,3',5-Tetrachlorobiphenyl (PCB 57)	mg/Kg		6.6E-06 U	1.2E-05 U	4.1E-05 U	1.6E-05 U	5.15E-05 U	1.96E-05 J	5.24E-05 U	5.12E-05 U	1.97E-06 J	0.0032	0.00891	0.000284 J+	8.82E-06 J	0.000424	2.96E-05 J	0.000151	5.2E-05 U
2,3,3',5'-Tetrachlorobiphenyl (PCB 58)	mg/Kg		6.6E-06 U	1.2E-05 U	4.1E-05 U	1.7E-05 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00178	0.00321	0.000171 J+	5.34E-05 U	5.03E-05 U	5.33E-05 U	4.09E-05 J	5.2E-05 U
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/Kg		1.3E-05 J	2.1E-05 Jq	7.1E-05 J	7.5E-05 G	0.000271	0.000368	1.04E-05 J	0.00529	4.95E-05 J	0.0145	0.0509	0.00159	5.27E-05 J	0.00807	4.96E-05 J	0.00131	1.39E-05 J
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/Kg		7.2E-06 U	1.5E-05 U	9.5E-05 q	5.4E-05 G	9.89E-05	0.000147	4.01E-06 J	0.00206	5.34E-05 U	0.00646 J+	0.0274	0.000835	2.4E-05 J	0.00385	2.16E-05 J	0.000652	5.2E-05 U
2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/Kg		0.00022 B	0.00038 B	0.0012 B	0.0015 BG	0.00591	0.00705	0.000212 J+	0.121	0.00115	0.0107	0.036	0.00173	0.00134	0.362	0.0013	0.00893	0.000126 J+
2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	mg/Kg		7.2E-06 U	1.4E-05 U	3.4E-05 U	2E-05 UG	0.000291	0.000341	1.38E-05 J	0.00386	5.29E-05 J	0.00304	0.0138	0.000398 J+	4.48E-05 J	0.00898	3.65E-05 J	0.00053	5.2E-05 U
2,3,4,4',6-Pentachlorobiphenyl (PCB 115)	mg/Kg		0.00028 JB	0.00037 JB	0.0012 JB	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,4,4'-Tetrachlorobiphenyl (PCB 60)	mg/Kg		7.2E-06 Jq	1.7E-05 J	5.5E-05 J	4.7E-05	5.28E-05 U	7.94E-05	2.23E-06 J	0.00109	1.42E-05 J	0.00191	0.00547	0.000195	5.34E-05 U	0.00223	1.33E-05 J	0.000208	5.2E-05 U
2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	mg/Kg		4.1E-05 JB	6.8E-05 JB	0.00026 JB	0.00016 B	0.000379	0.00049	1.46E-05 J	0.00695	5.34E-05 U	0.0148	0.0512	0.000933	0.000101 J+	0.0162	0.000106 J+	0.00103	1.71E-05 J
2,3',4,5,5'-Pentachlorobiphenyl (PCB 120)	mg/Kg		6.2E-06 U	1.2E-05 U	3E-05 U	1.9E-05 U	0.000119 U	5.2E-05 U	5.24E-05 U	9.68E-05 U	0.000123 U	0.00626 J+	0.0282	0.000635	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000567 J+	5.2E-05 U
2,3',4,5',6-Pentachlorobiphenyl (PCB 121)	mg/Kg		5.8E-06 U	1.1E-05 U	2.8E-05 U	1.8E-05 U	0.000111 U	5.2E-05 U	5.24E-05 U	9.17E-05 U	0.000116 U	0.00204	0.00974	0.000245	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000154	5.2E-05 U
2,3,4',5-Tetrachlorobiphenyl (PCB 63)	mg/Kg		6.2E-06 U	1.1E-05 U	3.8E-05 U	1.5E-05 U	5.15E-05 U	5.2E-05 U	5.52E-06 J	5.12E-05 U	5.34E-05 U	0.00338	0.0123	0.000321 J+	5.34E-05 U	5.03E-05 U	7.54E-05	0.000279	5.2E-05 U
2,3',4,5-Tetrachlorobiphenyl (PCB 67)	mg/Kg		6.2E-06 U	1.1E-05 U	3.8E-05 U	1.5E-05 U	4.29E-06 J	5.88E-06 J	5.24E-05 U	5.55E-05	5.34E-05 U	0.00224	0.00228	0.000286 J+	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000141	5.2E-05 U
2,3',4,5'-Tetrachlorobiphenyl (PCB 68)	mg/Kg		5.9E-06 U	1.1E-05 U	3.6E-05 U	1.5E-05 U	3.08E-06 J	2.76E-06 J	5.24E-05 U	5.12E-05 U	2.63E-06 J	0.00265	0.00976	0.000298	5.34E-05 U	5.03E-05 U	1.84E-06 J	0.000151	5.2E-05 U
2,3,4',6-Tetrachlorobiphenyl (PCB 64)	mg/Kg		1E-05 JqB	1.8E-05 JB	9.7E-05 JB	7.9E-05	9.84E-05	0.000122	4.01E-06 J	0.00172	4.17E-05 J	0.000939	0.00318	0.000117	5.85E-05 J+	0.00612	6.19E-05 J+	0.000258	8.71E-06 J
2,3,4'-Trichlorobiphenyl (PCB 22)	mg/Kg		9E-06 U	1.5E-05 Jq	4.3E-05 J	3.2E-05 J	9.36E-06 J	2.08E-05 U	2.1E-05 U	0.000184	4.33E-06 J	0.00317	0.0129	0.000389	2.14E-05 U	5.09E-05	2.13E-05 U	0.000195	2.08E-05 U
2,3',4-Trichlorobiphenyl (PCB 25)	mg/Kg		7.9E-06 U	9.8E-06 U	1.7E-05 U	8.8E-06 J	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.93E-05 J+	2.14E-05 U	0.00351 J+	0.0134	0.000438 J+	2.14E-05 U	8.95E-05	2.13E-05 U	0.000186	2.08E-05 U
2,3',5,5'-Tetrachlorobiphenyl (PCB 72)	mg/Kg		6.4E-06 U	1.1E-05 U	3.9E-05 U	1.6E-05 U	2.61E-06 J	2.9E-06 J	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00418	0.0166	0.000487	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000272	5.2E-05 U
2,3',5',6-Tetrachlorobiphenyl (PCB 73)	mg/Kg		4.2E-06 U	7.1E-06 U	4.8E-06 U	1.5E-06 J	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,5-Trichlorobiphenyl (PCB 23)	mg/Kg		7.6E-06 U	9.5E-06 U	1.6E-05 U	6.1E-06 U	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.00456	0.0141	0.000491	2.14E-05 U	2.01E-05 U	2.13E-05 U	0.000146	2.08E-05 U
2,3',5'-Trichlorobiphenyl (PCB 34)	mg/Kg		7.9E-06 U	9.9E-06 U	1.7E-05 U	6.4E-06 U	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.00506 J+	0.0213	0.000575	2.14E-05 U	2.01E-05 U	2.13E-05 U	0.000162	2.08E-05 U
2,3,6-Trichlorobiphenyl (PCB 24)	mg/Kg		1.8E-05 U	2.8E-05 U	1.3E-05 U	3.4E-06 Jq	2.06E-05 U	2.08E-05 U	2.1E-05 U	4.54E-06 J	2.14E-05 U	0.00268	0.0105	0.000325	2.14E-05 U	5.37E-06 J	2.13E-05 U	0.00015	2.08E-05 U
2,3',6-Trichlorobiphenyl (PCB 27)	mg/Kg		1.8E-05 U	2.8E-05 U	1.3E-05 U	4.4E-06 Jq	2.06E-05 U	2.08E-05 U	2.1E-05 U	9.84E-06 J	2.14E-05 U	0.0019	0.0118	0.000359	2.14E-05 U	8.08E-06 J	2.13E-05 U	0.000175	2.08E-05 U
2,3-Dichlorobiphenyl (PCB 5)	mg/Kg		0.00016 U	0.00023 U	0.00012 U	1.8E-05 U	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.54E-05	2.14E-05 U	0.00629	0.0466	0.00104	2.14E-05 U	1.23E-05 J	2.13E-05 U	0.000429	2.08E-05 U
2,3'-Dichlorobiphenyl (PCB 6)	mg/Kg		0.00016 U	0.00023 U	0.00012 U	3.3E-05 J	2.06E-05 U	2.08E-05 U	2.1E-05 U	1.94E-05 J	2.14E-05 U	0.00671	0.0306	0.00118	2.14E-05 U	2.78E-05	2.13E-05 U	0.000433	2.08E-05 U
2,4',5-Trichlorobiphenyl (PCB 31)	mg/Kg		1.2E-05 JqB	3.6E-05 JB	0.00015 JB	9.7E-05 B	3.59E-05 J	2.18E-05 J	5.24E-05 U	0.000625	1.15E-05 J	0.0103	0.0398	0.000846	7.98E-06 J	0.000667	6.36E-06 J	0.000551 J+	3.33E-06 J
2,4',6-Trichlorobiphenyl (PCB 32)	mg/Kg		1.4E-05 U	2.2E-05 U	1.6E-05 Jq	1.1E-05 J	2.06E-05 U	2.08E-05 U	2.1E-05 U	5.79E-05	2.14E-05 U	0.00213	0.00887	0.000264	2.14E-05 U	3.1E-05	2.13E-05 U	0.000141	2.08E-05 U
2,4-Dichlorobiphenyl (PCB 7)	mg/Kg		0.00015 U	0.00021 U	0.00011 U	1.7E-05 U	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.00543	0.0229	0.000703	2.14E-05 U	1.04E-05 J	2.13E-05 U	0.000242	2.08E-05 U
2,4'-Dichlorobiphenyl (PCB 8)	mg/Kg		0.00016 U	0.00022 U	0.00012 U	5.5E-05	1.45E-05 J	1.68E-05 J	5.24E-05 U	5.5E-05	5.34E-05 U	0.0136	0.0437	0.00215	5.34E-05 U	5.52E-05	5.33E-05 U	0.000524	4.67E-06 J
2,5-Dichlorobiphenyl (PCB 9)	mg/Kg		0.00017 U	0.00024 U	0.00013 U	2E-05 U	2.06E-05 U	2.08E-05 U	2.1E-05 U	6.85E-06 J	2.14E-05 U	0.00716	0.0368	0.00103	2.14E-05 U	1.47E-05 J	2.13E-05 U	0.000374	2.08E-05 U
2,6-Dichlorobiphenyl (PCB 10)	mg/Kg		0.0001 U	0.00012 U	6.7E-05 U	2.7E-06 U	5.15E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.000964	0.00589	0.000128	5.34E-05 U	5.03E-05 U	5.33E-05 U	3.48E-05 J	5.2E-05 U
2-Chlorobiphenyl (PCB 1)	mg/Kg		3.5E-06 U	3.6E-06 U	6.6E-05 JB	4.3E-05 B	6.88E-06 J	9.25E-06 J	2.1E-05 U	2.21E-05	2.14E-05 U	0.0097	0.0684	0.00173	2.14E-05 U	4.01E-05	2.13E-05 U	0.000342	2.08E-05 U
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/Kg		7.8E-06 U	1.3E-05 U	3.4E-05 U	1.1E-05 G	5.15E-05 U	5.2E-05 U	5.24E-05 U	0.000108 U	5.34E-05 U	0.00191 U	0.0106 U	0.000273 J+	5.34E-05 U	0.000331 U	5.33E-05 U	0.000218 J+	5.2E-05 U
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/Kg		1E-05 U	2.2E-05 U	4.9E-05 U	3.1E-05 G	5.15E-05 U	5.2E-05 U	5.24E-05 U	0.000375 J+	5.34E-05 U	0.00507	0.0237	0.000693	1.74E-05 J	0.000423 J+	5.33E-05 U	0.000562	5.2E-05 U
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/Kg		1.6E-05 Jq	3.6E-05 J	9.3E-05	7.2E-05 G	8.98E-05	0.000135	5.12E-06 J	0.00155	1.9E-05 J	0.00753	0.0229	0.000809	5.34E-05 U	0.00137	1.21E-05 J	0.000591	5.2E-05 U
3,3',4,5,5'-Pentachlorobiphenyl (PCB 127)	mg/Kg		7.1E-06 U	1.4E-05 U	3.5E-05 U	2.2E-05 U	5.15E-05 U	1.02E-05 J	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00226 J+	0.0115	0.000427	5.34E-05 U	0.000512	5.33E-05 U	0.000304	5.2E-05 U
3,3',4,5-Tetrachlorobiphenyl (PCB 78)	mg/Kg		7.5E-06 U	1.3E-05 U	4.6E-05 U	1.9E-05 U	5.77E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.00462 J+	0.0101	0.000423	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000265 J+	5.2E-05 U
3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	mg/Kg		6.5E-06 U	1.2E-05 U	8.4E-05 Jq	4.5E-05 q	5.15E-05 U	5.51E-05	2.03E-06 J	0.000739	7.97E-06 J	0.00491	0.0132	0.000486	5.34E-05 U	0.00283	1.37E-05 J	0.00044	5.2E-05 U
3,3',4-Trichlorobiphenyl (PCB 35)	mg/Kg		0.0001 J	0.00017 J	0.00011 Jq	0.00029	7.95E-06 J	2.08E-05 U	2.1E-05 U	6.46E-05 J+	2.14E-05 U	0.00659	0.0252	0.000726	2.14E-05 U	2.64E-05	2.13E-05 U	0.000546 J+	2.08E-05 U
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)	mg/Kg		6.2E-06 U	1.1E-05 U	3.8E-05 U	1.5E-05 U	5.18E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	5.34E-05 U	0.0028	0.00614	0.000228	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000148	5.2E-05 U

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1	HP1
		Location	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	HP1-1	HP1-1	HP1-1	HP1-2	HP1-2	HP1-3	HP1-3	HP1-3	HP1-4	HP1-4	HP1-4	HP1-5	HP1-5
		Sample Name	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	DUP	HP1-1-1	HP1-1-2	HP1-2-1	HP1-2-2	HP1-3-1	HP1-3-2	HP1-3-3	HP1-4	HP1-4-1	HP1-4-2	HP1-5-1	HP1-5-2
		Start Depth	0	0	0	0	0	0	1.8	0	2	0	1.1	2	DUP-2	0	1.9	0	1.9
		End Depth	0.5	0.5	0.5	0.5	1	1	2.3	1	2.5	1	1.5	2.5	1.9	1	2.5	1	2.5
		Depth Units	ft	ft	ft	ft	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner	ft below liner
		Sample Date	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013	7/10/2013
		Parent Sample		FM-SS-2_SS_11/20/13			HP1-1-1_07/10/13								HP1-4-2_07/10/13				
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
3,3',5-Trichlorobiphenyl (PCB 36)	mg/Kg		8.1E-06 U	1E-05 U	1.7E-05 U	2.1E-05 Jq	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.00568	0.0244	0.000686	2.14E-05 U	2.01E-05 U	2.13E-05 U	0.000455	2.08E-05 U
3,3'-Dichlorobiphenyl (PCB 11)	mg/Kg		0.0019 B	0.0036 B	0.00063 JB	0.0051 EB	3.26E-05 J	3.26E-05 J+	2.22E-05 J+	4.45E-05 J+	1.77E-05 J+	0.00777	0.0322	0.00109	3.47E-05 J	5.85E-05 J	1.39E-05 J	0.000643	2.79E-05 J
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/Kg		9.8E-06 U	1.8E-05 U	5.4E-05 U	1.9E-05 UG	5.82E-05 U	5.2E-05 U	5.24E-05 U	5.12E-05 U	1.25E-05 J	0.0055	0.0147	0.000512	5.34E-05 U	5.03E-05 U	5.33E-05 U	0.000386	5.2E-05 U
3,4,4'-Trichlorobiphenyl (PCB 37)	mg/Kg		2E-05 J	2.4E-05 Jq	7.8E-05 J	6E-05	4.66E-05	4.52E-05	2.1E-05 U	0.000688	9.74E-06 J	0.00685	0.0237	0.000789	2.14E-05 U	0.000271	2.13E-05 U	0.000625 J+	4.11E-06 J
3,4,5-Trichlorobiphenyl (PCB 38)	mg/Kg		8.6E-06 U	1.1E-05 U	1.8E-05 U	1.1E-05 J	2.91E-06 J	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.00815	0.0241	0.000624	2.14E-05 U	2.01E-05 U	2.13E-05 U	0.000386	2.08E-05 U
3,4',5-Trichlorobiphenyl (PCB 39)	mg/Kg		8.1E-06 U	1E-05 U	1.7E-05 U	6.5E-06 U	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.0115	0.0231	0.000907	2.14E-05 U	0.000211	2.13E-05 U	0.000622	2.08E-05 U
3,5-Dichlorobiphenyl (PCB 14)	mg/Kg		0.00014 U	0.0002 U	0.0001 U	1.6E-05 U	2.06E-05 U	2.08E-05 U	2.1E-05 U	2.05E-05 U	2.14E-05 U	0.00719	0.0208	0.000669	2.14E-05 U	1.03E-05 J	2.13E-05 U	0.000216	2.08E-05 U
3-Chlorobiphenyl (PCB 2)	mg/Kg		3.6E-06 U	3.8E-06 U	6.1E-05 JB	5.1E-05	1.61E-05 J	2.18E-05 J+	2.1E-05 U	3.73E-05	2.14E-05 U	0.00994	0.028	0.00117	2.14E-05 U	9.16E-05	2.13E-05 U	0.000684	5.36E-06 J
4,4'-Dichlorobiphenyl (PCB 15)	mg/Kg		0.00018 U	0.00028 U	0.00014 J	0.0001	4.86E-05 J	6.74E-05	5.24E-05 U	0.000159	5.34E-05 U	0.0257	0.118	0.00343	5.34E-05 U	0.000186	5.33E-05 U	0.00203	7.6E-06 J
4-Chlorobiphenyl (PCB 3)	mg/Kg		3.9E-06 U	8.6E-06 JqB	7.6E-05 JB	6.2E-05 B	1.36E-05 J	2.16E-05 J	5.24E-05 U	2.6E-05 J	5.34E-05 U	0.0147	0.0489	0.00135	5.34E-05 U	5.49E-05	5.33E-05 U	0.000416	5.2E-05 U
Decachlorobiphenyl (PCB 209)	mg/Kg		0.03 B	0.042 B	0.46 EB	0.24 EB	0.00703	0.0113	0.000348 J+	0.0165	0.000441 J+	2.28	12.4	0.279	0.000367 J+	0.0268	0.000605 J+	0.248	0.00188 J+
PCB 107/124	mg/Kg		9.2E-06 Jq	1.7E-05 J	8.2E-05 J	5.8E-05 J	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 110/115	mg/Kg		0.00028 JB	0.00037 JB	0.0012 JB	0.0015 B	0.00445	0.00543	0.000159 J+	0.0866	0.00111	0.0305	0.101	0.00439	0.00102 J+	0.187	0.00117	0.00807	0.000166 J+
PCB 12/13	mg/Kg		0.00017 U	0.00024 U	0.00013 U	5.8E-05 J	2.01E-05 J	1.29E-05 J	5.24E-05 U	4E-05 J	5.34E-05 U	0.0205	0.0668	0.00229	5.34E-05 U	8.35E-05	5.33E-05 U	0.00108	5.2E-05 U
PCB 128/166	mg/Kg		4.2E-05 J	7.2E-05 J	0.00029 J	0.00026	0.00118	0.00147	4.3E-05 J	0.0215	0.000216	0.00415	0.0146 J+	0.000666	0.000193	0.0376	0.000213	0.00157	2.02E-05 J
PCB 129/138/163	mg/Kg		0.0003 JB	0.00044 JB	0.0015 JB	0.0015 B	0.00498	0.0062	0.000187 J	0.111	0.00099	0.00945	0.0389 J+	0.00239	0.000901	0.191	0.0011	0.00616	0.000103 J
PCB 134/143	mg/Kg		9.6E-06 U	1.8E-05 J	8.4E-05 J	6.1E-05 J	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 135/151	mg/Kg		5.8E-05 J	8.5E-05 J	0.00041 J	0.00028	0.000764	0.000975	2.38E-05 J	0.015	0.000176 J+	0.0108	0.0421	0.00153	0.000164 J+	0.0309	0.000195 J+	0.00197	3.61E-05 J
PCB 139/140	mg/Kg		8.1E-06 U	1.1E-05 U	1.8E-05 Jq	2.1E-05 J	7.74E-05 J	9.87E-05 J	2.98E-06 J	0.00166	1.74E-05 J	0.00715	0.0278	0.000855	1.54E-05 J	0.00318	1.87E-05 J	0.000682	0.000104 U
PCB 147/149	mg/Kg		0.00016 JB	0.00024 JB	0.00088 JB	0.00078 B	0.00217	0.0027	7.68E-05 J	0.0482	0.000497	0.00892	0.0283	0.0013	0.000455	0.0952	0.000545	0.00307	6.83E-05 J
PCB 153/168	mg/Kg		0.00023 JB	0.00035 JB	0.0013 JB	0.0012 B	0.00334	0.00426	0.000121 J+	0.0695	0.000598	0.0061	0.0288 J+	0.00186	0.000611	0.13	0.000701	0.00406	6.77E-05 J
PCB 156/157	mg/Kg		4.1E-05 J	7.2E-05 J	0.0003	0.00026 G	0.00112	0.00138	4.38E-05 J	0.0208	0.000214	0.0133	0.0446	0.00158	0.000213	0.0323	0.000204	0.00211	2.55E-05 J
PCB 171/173	mg/Kg		3E-05 J	3.7E-05 Jq	0.00031 J	0.00015	0.000222	0.0003	8.31E-06 J	0.00399	3.33E-05 J	0.0372	0.146	0.00439	2.9E-05 J	0.00513	4.09E-05 J	0.00354	2.89E-05 J
PCB 18/30	mg/Kg		2.1E-05 U	3.2E-05 U	7.3E-05 JB	3E-05 J	5.15E-05 U	9.08E-06 J	5.24E-05 U	0.000132	5.34E-05 U	0.00311	0.0076	0.000625	5.34E-05 U	0.000124	4.12E-06 J	0.000299	5.2E-05 U
PCB 180/193	mg/Kg		0.00019 JB	0.00025 JqB	0.0012 JB	0.00099 B	0.000937	0.00108	2.86E-05 J	0.014	0.000145	0.0271	0.108	0.00366	0.000127 J+	0.0222	0.000159	0.00356	3.83E-05 J
PCB 198/199	mg/Kg		0.00012 J	0.00019 J	0.0012 J	0.00064	0.000158	0.000216	6.91E-06 J	0.00116	1.66E-05 J	0.0521	0.202	0.00655	1.86E-05 J	0.00277	2.68E-05 J	0.00497	4.04E-05 J
PCB 20/28	mg/Kg		2.5E-05 JB	3.9E-05 JB	0.00015 JB	9.7E-05 B	3.11E-05 J	2.76E-05 J	5.24E-05 U	0.000528	1.3E-05 J	0.0106	0.0467	0.00132	5.34E-05 U	0.000249	3.97E-06 J	0.000648	6.07E-06 J
PCB 21/33	mg/Kg		7.8E-06 U	1.4E-05 JqB	0.00011 JB	6.7E-05 JB	1.31E-05 J	1.36E-05 J	5.24E-05 U	0.000144 J+	5.18E-06 J	0.0154	0.0575	0.00175	5.34E-05 U	5.37E-05	5.33E-05 U	0.000507	4.53E-06 J
PCB 26/29	mg/Kg		7.9E-06 U	9.9E-06 U	0.00011 J	5.5E-05 J	5.88E-06 J	5.2E-05 U	5.24E-05 U	4.11E-05 J	5.34E-05 U	0.0149	0.0591	0.00167	5.34E-05 U	3.58E-05 J	5.33E-05 U	0.000712	3.61E-06 J
PCB 40/71	mg/Kg		5.3E-06 U	1.7E-05 JB	0.00011 JB	6.9E-05 J	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 44/47/65	mg/Kg		4.6E-05 JB	4.8E-05 JqB	0.0003 JB	0.0003 B	0.000333 J+	0.000526	1.89E-05 J	0.00656	0.000136 J+	0.0104	0.0436	0.00138	0.000271 J+	0.0228	0.000245 J+	0.00144 J+	5.66E-05 J
PCB 49/69	mg/Kg		1.8E-05 JqB	3E-05 JB	0.00014 JB	0.00015 B	0.000126 J+	0.000208	5.44E-06 J	0.00302	5.51E-05 J	0.00518 J+	0.0218	0.000684	0.00012 J+	0.0127	0.000115 J+	0.000655 J+	1.46E-05 J
PCB 50/53	mg/Kg		5E-06 U	8.5E-06 U	2.9E-05 J	1.8E-05 J	6.53E-06 J	8.61E-06 J	0.000105 U	0.000184	4.95E-06 J	0.00282	0.0114	0.000315	2.08E-05 J	0.000911	1.26E-05 J	0.000227	0.000104 U
PCB 59/62/75	mg/Kg		3.9E-06 U	6.6E-06 U	3.6E-05 J	2.2E-05 J	1.56E-05 J	1.96E-05 J	0.000105 U	0.000102 U	4.72E-06 J	0.0146	0.0578	0.0015	0.000107 U	0.000277 J+	4.3E-06 J	0.000728 J+	3.67E-06 J
PCB 61/70/74/76	mg/Kg		0.00011 JB	0.00015 JB	0.00086 JB	0.00044 B	0.00179	0.00224	5.9E-05 J	0.0309	0.000482 J+	0.0304	0.104	0.00298	0.000611 J+	0.0853	0.000477 J+	0.00398	6.92E-05 J
PCB 85/116/117	mg/Kg		3.5E-05 J	3.8E-05 Jq	0.00025 J	0.00024	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 86/87/97/109/119/125	mg/Kg		0.00014 J	0.0002 J	0.00082 J	0.00084	0.00325	0.00406	0.000106 J	0.0618	0.000773 J+	0.028	0.0978	0.00359	0.000944 J+	0.139	0.000907	0.00583	0.000126 J
PCB 88/91	mg/Kg		2E-05 J	2E-05 J	7.7E-05 J	5.3E-05 J	0.000434	0.000617	1.68E-05 J	0.00828	0.000139 J+	0.00471 J+	0.0147	0.000518	0.000195	0.0237	0.000165 J+	0.000818	3.08E-05 J
PCB 90/101/113	mg/Kg		0.00021 JB	0.00029 JB	0.0011 JB	0.0012 B	0.00419	0.0051	0.000127 J	0.0715	0.00112 J+	0.0153	0.0544	0.00204	0.00123 J+	0.198	0.00133	0.00668	0.000192 J
PCB 93/100	mg/Kg		7.9E-06 U	1.6E-05 U	3.9E-05 U	2.4E-05 U	0.000206 U	0.000208 U	0.00021 U	0.000205 U	0.000214 U	0.00494	0.015 J+	0.000577	0.000214 U	0.000201 U	0.000213 U	0.000263	2.76E-06 J
PCB 98/102	mg/Kg		7.4E-06 U	1.5E-05 U	3.7E-05 U	2.2E-05 U	1.53E-05 J	2.41E-05 J	0.00021 U	0.000443 J+	6.39E-06 J	0.00261	0.00708	0.000275	4.83E-06 J	0.00104	1.02E-05 J	0.000155 J	0.000208 U
Total Dichlorobiphenyl	mg/Kg		0.0019 JB	0.0036 JB	0.00077 JB	0.0053 Bq	0.000116 J	0.00013 J	2.22E-05 J	0.00035 J	1.77E-05 J	0.106	0.452	0.0145	3.47E-05 J	0.000459 J	1.39E-05 J	0.00629 J	4.02E-05 J
Total Heptachlorobiphenyl	mg/Kg		0.0006 JqB	0.00091 JqB	0.0047 JqB	0.0033 Bq	0.00375 J	0.0044 J	0.000119 J	0.0597 J	0.000605 J	0.275	1.09	0.0346 J	0.000492 J	0.092 J	0.000647 J	0.0289 J	0.00024 J
Total Hexachlorobiphenyl	mg/Kg		0.0011 JqB	0.0017 JqB	0.007 JqB	0.0061 B	0.0194 J	0.0245 J	0.000673 J	0.398 J	0.00371 J	0.184	0.754 J	0.0309 J	0.00369 J	0.728 J	0.00421 J	0.0357 J	0.000475 J
Total Monochlorobiphenyl	mg/Kg		3.9E-06 U	8.6E-06 JqB	0.0002 JB	0.00016 JB	3.66E-05 J	5.27E-05 J	5.24E-05 U	8.54E-05 J	5.34E-05 U	0.0344	0.145	0.00425	5.34E-05 U	0.000187	5.33E-05 U	0.00144	5.36E-06 J
Total Nonachlorobiphenyl	mg/Kg		0.00062 J	0.001 J	0.0042 J	0.0022	0.00122	0.00183	6.51E-05 J	0.0039	8.47E-05 J	0.613	2.63	0.0783	8.56E-05 J	0.00835	0.000276 J	0.0609	0.000501 J
Total Octachlorobiphenyl	mg/Kg		0.00034 Jq	0.00052 Jq	0.0032 J	0.0019	0.000844 J	0.00119 J	3.11E-05 J	0.00604	8.54E-05 J	0.316 J	1.25	0.0413	7.56E-05 J	0.0115	0.000134 J	0.0304	0.000249 J
Total PCBs (Lab calculated)	mg/Kg	**0.83**	0.036 qB	0.052 qB	0.49 qB	0.19 Bq	0.0674 J	0.0873 J	0.00248 J	**1.12 J**	0.0132 J	**4.35 J**	**20.7 J**	0.547 J	0.0157 J	**2.55 J**	0.0165 J	0.496 J	0.00484 J
Total Pentachlorobiphenyl	mg/Kg		0.0014 JqB	0.0019 JqB	0.0074 JqB	0.0078 Bq	0.0306 J	0.0384 J	0.00105 J	0.563 J	0.00693 J	0.237 J	0.882 J	0.0325 J	0.00851 J	1.43 J	0.00836 J	0.0589 J	0.00111 J
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	**0.0027**	1.7E-05	6.4E-05	0.00018	3.5E-06	--	--	--	--	--	--	--	--	--	--	--	--	--
Total TEQ-Dioxin/Furan only	mg/Kg	**0.0027**	1.7E-05	6.4E-05	0.00018	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total TEQ-PCB Congener Only	mg/Kg		1.3E-08	2.3E-08	7.9E-08	3.5E-06	3.25E-07	4E-07 J	1.24E-08 J	4.37E-05 J	6.54E-08	0.000511	0.00238	7.8E-05 J	1.81E-06 J	5.76E-05 J	6.67E-08	6.35E-05 J	6.59E-09 J
Total Tetrachlorobiphenyl	mg/Kg		0.00037 JqB	0.00054 JqB	0.0031 JqB	0.0024 Bq	0.00426 J	0.00544 J	0.000172 J	0.0737	0.00126 J	0.187 J	0.67	0.0185 J	0.00244 J	0.245 J	0.00222 J	0.0179 J	0.000315 J
Total Trichlorobiphenyl	mg/Kg		0.00016 JqB	0.0003 JqB	0.0009 JqB	0.00084 Bq	0.000153 J	0.000117 J	5.24E-05 U	0.0026 J	4.37E-05 J	0.124 J	0.455	0.0137 J	7.98E-06 J	0.00189 J	1.44E-05 J	0.00693 J	2.17E-05 J
Aroclor 1016	mg/Kg	23.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs (Lab calculated)	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	HP1	HP1	J2Landfill	J2Landfill	J2Landfill	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NorthStorageArea	NorthStorageArea	NorthStorageArea	PondAreas	PondAreas	PondAreas
		Location	HP1-6	HP1-6	J2-SS-1	J2-SS-2	J2-SS-3	NE-B-1	NE-B-2	NE-B-3	NE-B-4	NE-B-5	NS-B-1	NS-SS-1	NS-SS-5	P-B-1	P-B-10	P-B-11
		Sample Name	HP1-6-1	HP1-6-2	J2-SS-1_SS	J2-SS-2_SS	J2-SS-3_SS	NE-B-1_SS	NE-B-2_SS	NE-B-3_SS	NE-B-4_SS	NE-B-5_SS	NS-B-1 Waste Class	NS-SS-1_SS	NS-SS-5_SS	P-B-1_SS	P-B-10_SS	P-B-11_SS
		Start Depth	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	1	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft below liner	ft below liner	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	7/10/2013	7/10/2013	11/21/2013	11/21/2013	11/21/2013	11/22/2013	11/22/2013	11/22/2013	12/4/2013	12/4/2013	11/13/2013	11/20/2013	11/20/2013	11/14/2013	12/11/2013	12/11/2013
		Parent Sample																
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	mg/Kg		2.68E-05 J	2.55E-06 J	0.013 E	0.00037 J	0.00087	7.6E-06 J	4.9E-05	5.9E-05	0.00079	0.0013	--	0.029	0.00015	0.00029	0.0058	0.0097 EG
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	mg/Kg		2.83E-05 J	5.28E-05 U	0.008 E	0.00032 J	0.00057	7.5E-06 J	6.3E-05	7.3E-05	0.0013	0.0025	--	0.0037	9.5E-05	0.00012	0.0026	0.0021 G
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)	mg/Kg		2.85E-05 J	3.51E-06 J	0.008 E	0.00047	0.0014	4E-06 Jq	6E-05	0.00011	0.00078	0.0013	--	0.042	0.00011	0.00038	0.0043	0.011 E
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	mg/Kg		1.38E-05 J	5.28E-05 U	0.0019	8.8E-05 J	0.00017	1.4E-06 Jq	1.8E-05 J	2E-05 J	0.00046	0.00095	--	0.002	2.3E-05 J	3.8E-05 J	0.00086	0.00078 G
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (PCB 196)	mg/Kg		1.45E-05 J	5.28E-05 U	0.0034	0.00016 J	0.00034	3E-06 J	2.7E-05 J	3.3E-05 J	0.00075	0.0015	--	0.0086	4.4E-05	8.3E-05	0.0021	0.0026
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/Kg		0.000305	5.48E-06 J	0.011 E	0.00049	0.0013	9.9E-06 J	0.00014	0.00012	0.0029	0.0074	--	0.0017	0.00025	0.00065	0.0052	0.0066 E
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB 197)	mg/Kg		3.65E-06 J	0.000106 U	0.00074	4.3E-05 J	0.00016	5.9E-07 Jq	7.9E-06 J	1.9E-05 J	0.00016	0.00026 q	--	0.0071	1.5E-05 J	4.8E-05	0.00077	0.0016
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	mg/Kg		5.12E-05 U	2.73E-06 J	0.0058 E	0.00033 J	0.00089	2.9E-06 J	3.7E-05 J	5.7E-05	0.00047	0.00075	--	0.025	8.3E-05	0.00023	0.0029	0.0071 E
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172)	mg/Kg		3.88E-05 J	5.28E-05 U	0.0018	7.4E-05 J	0.00023	1.8E-06 Jq	2.4E-05 J	2.2E-05 J	0.00047	0.0012	--	0.0033	4E-05 J	0.0001	0.0011	0.0012
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)	mg/Kg		3.11E-06 J	0.000106 U	0.0007	2.8E-05 Jq	6.9E-05	6.2E-07 Jq	4.3E-06 J	6.7E-06 J	0.00014	0.0003	--	0.0021	7.1E-06 J	1.8E-05 J	0.00041	0.00051
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	mg/Kg		6.25E-06 J	5.28E-05 U	0.001	6E-05 J	0.00017	1.1E-06 Jq	9.5E-06 J	1.9E-05 J	0.00022	0.00047	--	0.0067	1.6E-05 J	4.8E-05	0.00089	0.0016
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	mg/Kg		0.000192	4.46E-06 J	0.0097 E	0.0005	0.001	1.2E-05 Jq	0.00012	0.00011	0.0025	0.0061 E	--	0.0021	0.00018	0.00031	0.0054	0.0042
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB 175)	mg/Kg		2.13E-05 J	5.28E-05 U	0.00034	1.4E-05 Jq	5.4E-05	8.5E-07 U	3.8E-06 Jq	4.8E-06 J	0.00011	0.00025	--	0.0029	8.2E-06 J	2.4E-05 J	0.00041	0.00064
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB 177)	mg/Kg		0.000103	5.28E-05 U	0.0049 E	0.00025 J	0.00059	4.8E-06 J	6.5E-05	6.6E-05	0.0014	0.0037	--	0.0017	0.0001	0.00019	0.003	0.0026
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB 130)	mg/Kg		0.00026	4.05E-06 J	0.0016 G	0.00011 J	0.00026	2.4E-06 Jq	1.9E-05 J	1.8E-05 J	0.00024	0.0016 G	--	0.0028	9E-05	0.00023	0.0011	0.004 G
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB 176)	mg/Kg		2.39E-05 J	5.28E-05 U	0.0007	4.1E-05 J	8.1E-05	1.5E-06 J	4.3E-06 Jq	9E-06 J	0.0002	0.00045	--	0.0016	1.5E-05 J	2.4E-05 J	0.0006	0.00062
2,2',3,3',4,6-Hexachlorobiphenyl (PCB 131)	mg/Kg		3.72E-05 J	5.28E-05 U	0.00021 G	2E-05 J	3E-05 J	1.4E-06 U	3.6E-06 J	2.8E-06 J	2.6E-05 J	0.00024 G	--	0.00053	1.9E-05 J	3.3E-05 J	0.00014 U	0.00067 G
2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132)	mg/Kg		0.00141	2.43E-05 J	0.0067 EBG	0.00054	0.00099 B	1.7E-05 J	8.7E-05	7.6E-05	0.0013	0.0066 G	--	0.0013	0.00041	0.0009	0.0051	0.019 EG
2,2',3,3',4-Pentachlorobiphenyl (PCB 82)	mg/Kg		0.000691	1.1E-05 J	0.0022 G	0.00024 J	0.00028	9.1E-06 Jq	2.1E-05 Jq	2.9E-05 Jq	0.00053 G	0.0031 G	--	0.001 G	0.00014	0.00037 J+	0.0017 G	0.0074 EG
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	mg/Kg		5.38E-06 J	0.000106 U	0.00092	4.8E-05 J	0.00012	1.7E-06 Jq	9.9E-06 J	1.7E-05 J	0.00019	0.00044	--	0.0021	1.3E-05 J	2.4E-05 J	0.00058	0.00071
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	mg/Kg		2.7E-05 J	5.28E-05 U	0.0013	6.7E-05 Jq	0.00015	1.4E-06 Jq	1.6E-05 J	1.7E-05 J	0.00035	0.00092	--	0.0019	2.1E-05 J	3.4E-05 J	0.00094	0.00081
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)	mg/Kg		2.96E-05 J	5.28E-05 U	0.00021 G	1.6E-05 J	3.5E-05 J	1.3E-06 U	3.1E-06 J	2.6E-06 J	4.4E-05	0.00022 G	--	0.001	1.2E-05 J	2.8E-05 J	0.00013 U	0.00055 G
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB 179)	mg/Kg		5.04E-05 J	1.97E-06 J	0.0021	0.00013 J	0.00023	4.7E-06 J	2.5E-05 J	2.9E-05 J	0.00064	0.0015	--	0.0012	3.8E-05 J	4.5E-05	0.0016	0.0011
2,2',3,3',5-Pentachlorobiphenyl (PCB 83)	mg/Kg		--	--	0.00057 qG	6.8E-05 Jq	7E-05	3.3E-06 J	7.7E-06 J	5.9E-06 Jq	0.0001 G	0.00074 G	--	0.00054 UG	4.4E-05	9.1E-05 J+	0.00057 G	0.0023 G
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136)	mg/Kg		0.000209	2.78E-05 J	0.0014 G	0.00017 J	0.00019	6.4E-06 J	2.1E-05 J	1.9E-05 J	0.00033	0.0013	--	0.00041 J	0.00011	0.00013	0.0014	0.0044 EG
2,2',3,3',6-Pentachlorobiphenyl (PCB 84)	mg/Kg		0.000691	5.26E-05 J+	0.0029 G	0.00055	0.00035	2.3E-05 J	4.3E-05	4.4E-05	0.00053 G	0.0033 G	--	0.00092 G	0.00032	0.00046 J+	0.003 G	0.014 EG
2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	mg/Kg		1.31E-05 J	5.28E-05 U	0.0047 E	0.0002 J	0.00041	4.1E-06 J	3.4E-05 J	4.5E-05	0.00084	0.0018	--	0.0042	4.9E-05	5.6E-05	0.0021	0.0017
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB 204)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00018	8.5E-06 J	4.4E-05	3.3E-07 U	1.5E-06 J	4.2E-06 J	6.2E-05	6.5E-05	--	0.005	4.8E-06 Jq	2.9E-05 J	0.00045	0.00098
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB 181)	mg/Kg		5.12E-05 U	5.28E-05 U	8.2E-05	5.8E-06 U	1.6E-05 J	5.4E-07 U	7.5E-07 U	7.6E-07 U	2.1E-05 J	6.3E-05	--	0.0012	5.1E-06 J	1.3E-05 J	0.00013 J	0.00033
2,2',3,4,4',5,6'-Heptachlorobiphenyl (PCB 182)	mg/Kg		6.89E-06 J	5.28E-05 U	8.7E-05	6.5E-06 U	2.1E-05 J	7.9E-07 U	9.4E-07 J	1.3E-06 Jq	2.7E-05 J	6.8E-05	--	0.0018	2.5E-06 J	1.1E-05 J	0.00016 J	0.00033
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	mg/Kg		0.000144	4.7E-06 J	0.0049 E	0.00023 J	0.00051	5.4E-06 Jq	5.7E-05	5.4E-05	0.0012	0.0028	--	0.0034	9.4E-05	0.00016	0.0032	0.0029
2,2',3,4,4',5-Hexachlorobiphenyl (PCB 137)	mg/Kg		0.000238	5.68E-06 J	0.0013 G	7E-05 J	0.00018	3.2E-06 J	1.4E-05 J	1.2E-05 J	9.9E-05	0.001 G	--	0.0011	8.4E-05	0.00021	0.00091	0.0041 G
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB 184)	mg/Kg		1.61E-06 J	5.28E-05 U	0.00014	5.2E-06 U	3E-05 J	6.4E-07 U	1.4E-06 J	5E-06 J	3.3E-05 J	6E-05	--	0.0031	3.2E-06 J	1.4E-05 J	0.00025	0.00053
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB 185)	mg/Kg		0.000102 U	0.000106 U	0.001	3.2E-05 Jq	9.3E-05	5.9E-07 U	5.3E-06 Jq	1.1E-05 J	0.00027	0.00057	--	0.00089	1.1E-05 J	2.3E-05 J	0.00057	3.6E-05 U
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	mg/Kg		0.000132	2.92E-06 J	0.0091 E	0.00048	0.00096	1.2E-05 J	9.6E-05	0.0001	0.0024	0.0056 E	--	0.0025	0.00013	0.00016	0.0057	0.0035
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	mg/Kg		0.000486	1E-05 J	0.0049 EG	0.00032 J	0.0006	9.2E-06 Jq	5.6E-05	4.7E-05	0.0008	0.004 G	--	0.0034	0.00018	0.00045	0.0034	0.0073 EG
2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146)	mg/Kg		0.000386	6.02E-06 J	0.0029 G	0.00021 J	0.00044	7.3E-06 J	3.8E-05 J	3.5E-05 J	0.00061	0.0027 G	--	0.0033	0.00014	0.00031	0.0021	0.0061 EG
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB 186)	mg/Kg		5.12E-05 U	5.28E-05 U	1.5E-05 J	5E-06 U	2.7E-06 J	6.1E-07 U	5.7E-07 U	5.1E-07 U	2.6E-06 J	3.4E-06 U	--	0.00049	7.8E-07 U	2.1E-06 J	4.2E-05 J	3.7E-05 Jq
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	mg/Kg		5.12E-05 U	5.28E-05 U	7.8E-05	5.1E-06 U	1.9E-05 J	8.7E-07 U	8.5E-07 Jq	3.5E-06 J	2.2E-05 J	4.4E-05 J	--	0.0017	2.6E-06 J	1.2E-05 J	0.00012 J	0.00028
2,2',3,4,5,6-Hexachlorobiphenyl (PCB 142)	mg/Kg		5.12E-05 U	5.28E-05 U	8.1E-05 UG	1.4E-05 U	1.3E-05 U	1.3E-06 U	1.8E-06 U	2E-06 U	2.3E-05 U	6.8E-05 UG	--	0.00073	8.1E-06 U	1.2E-05 U	0.00013 U	0.00028 UG
2,2',3,4,5',6-Hexachlorobiphenyl (PCB 144)	mg/Kg		4.54E-05 J	5.28E-05 U	0.00074 G	6.7E-05 J	9.6E-05	2.5E-06 J	1.1E-05 J	9.3E-06 J	0.00017	0.00066 G	--	0.00088	4.1E-05	6.9E-05	0.00069	0.0017 G
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB 148)	mg/Kg		5.12E-05 U	5.28E-05 U	7.2E-05 UG	1.2E-05 U	1.1E-05 U	1.1E-06 U	1.6E-06 U	1.8E-06 U	2.1E-05 U	6.1E-05 UG	--	0.00081	7.2E-06 U	1E-05 U	0.00011 U	0.00025 UG
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB 145)	mg/Kg		5.12E-05 U	5.28E-05 U	5.2E-05 UG	8.7E-06 U	8.2E-06 U	8.2E-07 U	1.1E-06 U	1.3E-06 U	1.5E-05 U	4.4E-05 U	--	0.00023 J	5.2E-06 U	7.6E-06 U	8.1E-05 U	0.00018 UG
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB 150)	mg/Kg		5.12E-05 U	5.28E-05 U	4.9E-05 UG	8.1E-06 U	7.7E-06 U	7.6E-07 U	1E-06 U	1.2E-06 U	1.4E-05 U	4.1E-05 U	--	0.00045	4.8E-06 U	7.1E-06 U	7.5E-05 U	0.00017 UG
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)	mg/Kg		1.2E-05 J	5.28E-05 U	0.00021 UG	3E-05 U	3E-05 U	1.9E-06 U	4.4E-06 U	4E-06 U	4.1E-05 J	0.00019 UG	--	0.0011	1.9E-05 U	4.2E-05 UJ+	0.00025 UG	0.00084 UG
2,2',3,4-Tetrachlorobiphenyl (PCB 41)	mg/Kg		--	--	0.00068	6.2E-05 J	2E-05 J	1.7E-06 Jq	1.3E-06 J	1.8E-05 J	0.00075	0.0015	--	0.00031 J	1.2E-06 U	1.3E-06 U	1.5E-05 U	3E-05 U
2,2',3,4'-Tetrachlorobiphenyl (PCB 42)	mg/Kg		1.51E-05 J	5.2E-06 J	0.0016	0.00028 J	6.4E-05	4.3E-06 J	8.1E-06 J	3.4E-05 J	0.0013	0.0037	--	0.00044	1.2E-05 J	2E-05 J	0.00026	0.00073
2,2',3,5,5'-Pentachlorobiphenyl (PCB 92)	mg/Kg		0.000334	6.17E-05 J+	0.0023 G	0.00034 J	0.00028	1.7E-05 J	3.2E-05 J	2.8E-05 J	0.00029	0.0024 G	--	0.001	0.00021	0.00036	0.0022 G	0.0097 EG
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	mg/Kg		5.12E-05 U	5.28E-05 U	5E-05 UG	8.3E-06 U	7.9E-06 U	7.8E-07 U	1.1E-06 U	1.2E-06 U	1.4E-05 U	4.2E-05 U	--	0.00019 J	5E-06 U	7.2E-06 U	7.7E-05 U	0.00017 UG
2,2',3,5,6'-Pentachlorobiphenyl (PCB 94)	mg/Kg		5.12E-05 U	5.28E-05 U	0.0002 UG	2.8E-05 U	2.9E-05 U	1.8E-06 U	4.1E-06 U	3.7E-06 U	3.8E-05 U	0.00018 UG	--	0.00041 U	1.8E-05 U	4E-05 U	0.00024 UG	0.0008 UG
2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	mg/Kg		0.00131	0.000344 J+	0.0081 EBG	0.0018 B	0.00099 B	6.8E-05 B	0.00013 B	0.00011 B	0.0013 B	0.0076 EBG	--	0.0022 B	0.0009 B	0.0011	0.0093 G	0.042 EG
2,2',3,5-Tetrachlorobiphenyl (PCB 43)	mg/Kg		--	--	0.00018	3.6E-05 J	3.8E-06 J	9.4E-07 U	7.9E-07 U	4.8E-06 J	0.00011	0.00041	--	0.00027 J	1.1E-06 U	1.1E-06 U	5.7E-05 J	6E-05
2,2',3,6,6'-Pentachlorobiphenyl (PCB 96)	mg/Kg		3.37E-06 J	1.85E-06 J	5.2E-05	1.2E-05 J	5.4E-06 J	4.3E-07 U	6E-07 J	7.2E-07 Jq	1.5E-05 J	5.1E-05	--	0.00013 J	4.9E-06 J	2.4E-06 J	4.6E-05 J	0.00017
2,2',3,6-Tetrachlorobiphenyl (PCB 45)	mg/Kg		--	--	0.00067	0.0001 J	1.9E-05 J	9.2E-07 U	5.7E-06 J	1.5E-05 J	0.00038	0.0011	--	0.00023 J	3.7E-06 J	1.1E-06 U	7.3E-05 J	0.00018
2,2',3,6'-Tetrachlorobiphenyl (PCB 46)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00025	3.9E-05 J	8.5E-06 J	9.8E-07 U	2.3E-06 Jq	6.2E-06 Jq	0.00017	0.0005	--	8.6E-05 J	1.7E-06 J	1.2E-06 U	1.4E-05 U	7.7E-05
2,2',3-Trichlorobiphenyl (PCB 16)	mg/Kg		2.05E-05 U	2.11E-05 U	0.0017	6.4E-05 J	3E-05 J	2.1E-06 U	2.5E-06 Jq	3.1E-05 J	0.00078	0.0019	--	0.0011	2.2E-06 Jq	5.2E-06 J	5.3E-05 J	2.4E-05 J
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	mg/Kg		0.000102 U	0.000106 U	0.00014 G	1.1E-05 U	2.1E-05 Jq	1E-06 U	1.4E-06 U	2.8E-06 J	2E-05 J	0.00015 G	--	0.0013	9.2E-06 J	1.6E-05 J	0.00014 J	0.0005 G
2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	mg/Kg		--	--	0.0081 EG	0.00095	0.00082	4.7E-05 B	6.9E-05 B	8.3E-05	0.00097	0.0075 EG	--	0.0021	0.0005	0.0011	0.007 G	0.033 EG
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	mg/Kg		5.12E-05 U	5.28E-05 U	5.7E-05 UG	7.9E-06 U	8.8E-06 U	1.4E-06 U	1.6E-06 U	1.9E-06 U	1.7E-05 U	4.6E-05 U	--	0.00053	5.7E-06 U	1.1E-05 U	8.9E-05 U	0.00017 UG
2,2',4,5',6-Pentachlorobiphenyl (PCB 103)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00017 UG	2.4E-05 U	2.5E-05 U	1.6E-06 U	3.6E-06 U	3.3E-06 U	3.3E-05 U	0.00016 UG	--	0.00037 J	1.6E-05 U	3.5E-05 U	0.00021 U	0.0007 UG
2,2',4,5-Tetrachlorobiphenyl (PCB 48)	mg/Kg		7.2E-05 J+	2.48E-05 J	0.0012	0.00016 J	3.7E-05 J	3E-06 Jq	3.3E-06 Jq	2.4E-05 J	0.00085	0.0025	--	0.00043	6.7E-06 J	8.2E-06 J	0.00016 J	0.0002
2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	mg/Kg		5.12E-05 U	5.28E-05 U	5.9E-06 J	2.9E-06 U	6.8E-07 J	5.5E-07 U	5.3E-07 U	2.9E-07 U	8.3E-07 Jq	2.6E-06 J	--	0.00015 J	2.1E-06 J	5.7E-07 J	1.4E-05 J	1.4E-05 Jq
2,2',4,6'-Tetrachlorobiphenyl (PCB 51)	mg/Kg		--	--	0.00014	1.7E-05 J	5.8E-06 J	7.7E-07 U	1.4E-06 J	4.3E-06 J	7.4E-05	0.00028	--	0.00013 J	1.5E-06 J	9.4E-07 U	2.9E-05 J	6E-05
2,2',4-Trichlorobiphenyl (PCB 17)	mg/Kg		2.05E-05 U	2.11E-05 U	0.0012	5.1E-05 J	2E-05 J	1.5E-06 U	1.5E-06 U	1.9E-05 J	0.00042 B	0.00099 B	--	0.00065	1.3E-06 U	4E-06 J	5.2E-05 J	3.8E-05 J

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	HP1	HP1	J2Landfill	J2Landfill	J2Landfill	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NorthStorageArea	NorthStorageArea	NorthStorageArea	PondAreas	PondAreas	PondAreas
		Location	HP1-6	HP1-6	J2-SS-1	J2-SS-2	J2-SS-3	NE-B-1	NE-B-2	NE-B-3	NE-B-4	NE-B-5	NS-B-1	NS-SS-1	NS-SS-5	P-B-1	P-B-10	P-B-11
		Sample Name	HP1-6-1	HP1-6-2	J2-SS-1_SS	J2-SS-2_SS	J2-SS-3_SS	NE-B-1_SS	NE-B-2_SS	NE-B-3_SS	NE-B-4_SS	NE-B-5_SS	NS-B-1 Waste Class	NS-SS-1_SS	NS-SS-5_SS	P-B-1_SS	P-B-10_SS	P-B-11_SS
		Start Depth	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	1	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft below liner	ft below liner	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	7/10/2013	7/10/2013	11/21/2013	11/21/2013	11/21/2013	11/22/2013	11/22/2013	11/22/2013	12/4/2013	12/4/2013	11/13/2013	11/20/2013	11/20/2013	11/14/2013	12/11/2013	12/11/2013
		Parent Sample																
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	mg/Kg		0.0005 J+	0.000247 J+	0.0079 EB	0.0021 B	0.00058 B	5.4E-05 B	6.8E-05 B	0.0001 B	0.0023 B	0.01 EB	--	0.0021 B	0.00042 B	0.0006	0.0078 B	0.031 EB
2,2',6,6'-Tetrachlorobiphenyl (PCB 54)	mg/Kg		5.12E-05 U	5.28E-05 U	1E-05 J	7.2E-06 U	9E-07 J	1E-06 U	1.1E-06 U	5.5E-07 U	3.7E-06 J	1.1E-05 J	--	3.3E-05 J	3.3E-06 J	5.6E-07 U	6.8E-06 J	5.1E-06 J
2,2',6-Trichlorobiphenyl (PCB 19)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00036	2E-05 U	4.4E-06 J	2E-06 U	2.1E-06 U	5.4E-06 J	7.4E-05	0.00028	--	0.00017 J	3.3E-06 Jq	9.9E-07 U	2E-05 J	1.5E-05 J
2,2'-Dichlorobiphenyl (PCB 4)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00038	9.1E-05 U	1.3E-05 J	2.8E-05 U	3.1E-05 U	1.7E-05 U	7.6E-05 q	0.00035	--	0.0023	4.9E-06 U	7.8E-06 U	7.1E-05 U	3.3E-05 U
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	mg/Kg		4.9E-06 J	5.28E-05 U	0.00054	2E-05 J	6E-05	4.4E-07 Jq	3E-06 Jq	5.2E-06 Jq	0.00012	0.00019	--	0.0046	9.3E-06 Jq	4.1E-05	0.00059	0.0012
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00044 G	2.2E-05 J	6E-05	5.8E-07 U	4.8E-06	4.5E-06	0.00011	0.00028	--	0.0027 G	1.3E-05	5E-05	0.00038	0.00079 G
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB 190)	mg/Kg		4.81E-05 J	5.28E-05 U	0.0024	9.7E-05 J	0.00028	1.3E-06 Jq	2.8E-05 J	2.6E-05 J	0.00045	0.0014	--	0.0026	4.6E-05	0.00012	0.0011	0.0014
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB 191)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00056	1.7E-05 Jq	7.2E-05	4.8E-07 U	4.9E-06 Jq	5.4E-06 J	0.00013	0.00031	--	0.0018	8.8E-06 Jq	3E-05 J	0.00032	0.0005
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158)	mg/Kg		0.000427	5.97E-06 J	0.0032 G	0.00019 J	0.00048	4.5E-06 J	3.7E-05 J	3.1E-05 J	0.00047	0.0026 G	--	0.0016	0.00015	0.00043	0.002	0.0071 EG
2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/Kg		0.00229	3.88E-05 J	0.011 EG	0.00075	0.0012 G	2.2E-05	8.4E-05	0.00011	0.0017 G	0.011 EG	--	0.0028 G	0.00036 G	0.0021 J+	0.0068 G	0.028 EG
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB 192)	mg/Kg		5.12E-05 U	5.28E-05 U	2.4E-05 U	5.3E-06 U	7.8E-06 J	5E-07 U	6.9E-07 U	7E-07 U	8.2E-06 J	8.3E-06 U	--	0.0012	1.2E-06 U	1.3E-05 J	1.8E-05 U	0.00038
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB 159)	mg/Kg		5.12E-05 U	5.28E-05 U	4.4E-05 UG	8.6E-06 U	9.1E-06 J	6.1E-07 U	1.1E-06 U	9E-07 U	6.5E-05	0.00014	--	0.001	2.1E-06 U	6.1E-06 U	0.00021	0.00018 G
2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	mg/Kg		1.56E-05 J	5.28E-05 U	0.00023 G	8.3E-06 U	3.8E-05 J	5.9E-07 U	1.3E-06 J	1.1E-06 J	2E-05 J	0.00011	--	0.0013	5.9E-06 J	2.9E-05 J	0.00019 J	0.00041 G
2,3,3',4,5,6-Hexachlorobiphenyl (PCB 160)	mg/Kg		0.000205 U	0.000211 U	6.4E-05 UG	1.1E-05 U	1E-05 U	1E-06 U	1.4E-06 U	1.6E-06 U	1.8E-05 U	5.4E-05 UG	--	0.00077	6.4E-06 U	9.3E-06 U	9.9E-05 U	0.00022 UG
2,3,3',4,5',6-Hexachlorobiphenyl (PCB 161)	mg/Kg		5.12E-05 U	5.28E-05 U	5.6E-05 UG	9.3E-06 U	8.8E-06 U	8.7E-07 U	1.2E-06 U	1.4E-06 U	1.6E-05 U	4.7E-05 UG	--	0.00073	5.6E-06 U	8.1E-06 U	8.6E-05 U	0.00019 UG
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164)	mg/Kg		0.00054	1.31E-05 J	0.0019 G	0.00014 J	0.00029	2.3E-06 Jq	2.4E-05 J	2E-05 J	0.00037	0.0017 G	--	0.0021	8.6E-05	0.00022	0.0013	0.0036 G
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)	mg/Kg		0.000407	7.11E-06 J	0.00017 UG	2.4E-05 U	2.4E-05 U	1.5E-06 U	3.5E-06 U	3.2E-06 U	3.3E-05 U	0.00016 UG	--	0.0031	1.5E-05 U	3.4E-05 U	0.0002 U	0.00068 UG
2,3,3',4',5'-Pentachlorobiphenyl (PCB 122)	mg/Kg		7.16E-05 U	5.28E-05 U	0.00023 G	2.4E-05 U	2.6E-05 J	1.6E-06 U	3.6E-06 U	3.2E-06 U	3.6E-05 J	0.00033 G	--	0.00038 J	1.5E-05 U	5.2E-05	0.00021 U	0.00069 UG
2,3,3',4,6-Pentachlorobiphenyl (PCB 109)	mg/Kg		--	--	0.0012 G	7.9E-05 J	0.00016	4.3E-06 J	1.1E-05 Jq	1.5E-05 J	0.00017	0.0013 G	--	0.0018	6.1E-05	0.00024	0.00087	0.0032 G
2,3,3',4-Tetrachlorobiphenyl (PCB 55)	mg/Kg		5.12E-05 U	5.28E-05 U	4.8E-05 UG	1.3E-05 U	7.9E-06 U	1.4E-06 U	1.2E-06 U	1.3E-06 U	0.00014 B	0.00028 BqG	--	0.0004 J	2.2E-06 U	6.2E-06 U	5.7E-05 U	6.8E-05 UG
2,3,3',4'-Tetrachlorobiphenyl (PCB 56)	mg/Kg		0.000207	6.49E-06 J	0.002 G	0.00045	0.00021	1.1E-05 J	1.2E-05 J	7.8E-05	0.0041	0.013 EG	--	0.0016	2.6E-05 Jq	0.00017	0.0008	0.0017 G
2,3,3',5,5',6-Hexachlorobiphenyl (PCB 165)	mg/Kg		5.12E-05 U	5.28E-05 U	6.4E-05 UG	1.1E-05 U	1E-05 U	1E-06 U	1.4E-06 U	1.6E-06 U	1.9E-05 U	5.4E-05 UG	--	0.00049	6.4E-06 U	9.3E-06 U	9.9E-05 U	0.00022 UG
2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00014 UG	1.9E-05 U	2E-05 U	1.2E-06 U	2.9E-06 U	2.6E-06 U	2.7E-05 U	0.00013 UG	--	0.00066	1.2E-05 U	2.7E-05 U	0.00017 U	0.00055 UG
2,3,3',5,6-Pentachlorobiphenyl (PCB 112)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00013 UG	1.9E-05 U	1.9E-05 U	1.2E-06 U	2.7E-06 U	2.5E-06 U	2.6E-05 U	0.00012 UG	--	0.00027 U	1.2E-05 U	2.6E-05 U	0.00016 U	0.00053 UG
2,3,3',5-Tetrachlorobiphenyl (PCB 57)	mg/Kg		6.38E-06 J	2E-06 J	4.7E-05 UG	1.2E-05 U	7.8E-06 U	1.4E-06 U	1.2E-06 U	1.3E-06 U	3.3E-05 J	7.5E-05 UG	--	0.00037 J	2.2E-06 U	6.1E-06 U	5.6E-05 U	6.6E-05 UG
2,3,3',5'-Tetrachlorobiphenyl (PCB 58)	mg/Kg		5.12E-05 U	5.28E-05 U	4.8E-05 UG	1.3E-05 U	7.8E-06 U	1.4E-06 U	1.2E-06 U	1.3E-06 U	1.7E-05 U	7.6E-05 UG	--	0.00027 J	2.2E-06 U	6.2E-06 U	5.6E-05 U	0.0011 G
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/Kg		0.000175	2.96E-06 J	0.0015 G	9.1E-05	0.00023 G	2E-06 J	1.7E-05	1.6E-05	0.00019 G	0.0013 G	--	0.0025 G	6.9E-05	0.00025 J+	0.00092 G	0.0033 G
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/Kg		0.000115	5.28E-05 U	0.00022 G	2.4E-05 U	4.1E-05 G	1.5E-06 U	3.4E-06 J	5.7E-06	6.6E-05 G	0.00046 G	--	0.001 G	1.8E-05 qG	7.9E-05 J+	0.00038 G	0.00094 G
2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/Kg		0.00664	9.22E-05 J	0.018 EBG	0.0013 B	0.0021 BG	5.6E-05 B	0.00017 B	0.00021 B	0.0023 BG	0.017 EBG	--	0.0047 BG	0.00082 BG	0.0041 J	0.015 G	0.051 EG
2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	mg/Kg		5.99E-05 U	4.91E-06 J	0.00026 G	2.3E-05 U	3E-05 G	1.4E-06 U	3.1E-06 U	4.2E-06 J	5.4E-05 G	0.00033 G	--	0.00033 UG	1.4E-05 UG	5.2E-05 J+	0.00022 G	0.00085 G
2,3,4,4',6-Pentachlorobiphenyl (PCB 115)	mg/Kg		--	--	--	0.0022 B	--	--	--	--	--	--	--	--	--	--	0.018	--
2,3,4,4'-Tetrachlorobiphenyl (PCB 60)	mg/Kg		0.000101	2.54E-06 J	0.0011 G	0.00022 J	0.00012	4.7E-06 Jq	6.2E-06 J	4.7E-05	0.0027	0.0079 EG	--	0.00071	1.3E-05 Jq	7E-05	0.00035	0.00082 G
2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	mg/Kg		0.000462	2.39E-05 J	0.0052 EBG	0.00093	0.00045 B	2.5E-05 Jq	3E-05 J	0.00015	0.0073 EB	0.022 EBG	--	0.0026	6.5E-05 q	0.00045	0.0024	0.0058 EBG
2,3',4,5,5'-Pentachlorobiphenyl (PCB 120)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00014 UG	2.1E-05 U	2.1E-05 U	1.3E-06 U	3E-06 U	2.7E-06 U	2.8E-05 U	0.00014 UG	--	0.00083	1.3E-05 U	2.9E-05 U	0.00018 U	0.00059 UG
2,3',4,5',6-Pentachlorobiphenyl (PCB 121)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00014 UG	1.9E-05 U	0.00024	1.2E-06 U	2.8E-06 U	2.6E-06 U	2.6E-05 U	0.00013 UG	--	0.00041 J	1.2E-05 U	2.7E-05 U	0.00016 U	0.00055 UG
2,3,4',5-Tetrachlorobiphenyl (PCB 63)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00011 G	1.8E-05 Jq	1.4E-05 J	1.3E-06 U	1.1E-06 J	4.9E-06 J	0.00021	0.0006 G	--	0.00047	3E-06 J	1.1E-05 J	8.7E-05 J	0.00014 G
2,3',4,5-Tetrachlorobiphenyl (PCB 67)	mg/Kg		5.12E-05 U	5.28E-05 U	8.6E-05 G	1.5E-05 J	8E-06 J	1.3E-06 U	1.1E-06 U	6.1E-06 J	0.00023	0.0006 G	--	0.00044	2E-06 U	5.7E-06 U	6.2E-05 J	6.2E-05 UG
2,3',4,5'-Tetrachlorobiphenyl (PCB 68)	mg/Kg		5.12E-05 U	3.17E-06 J	4.2E-05 UG	1.1E-05 U	0.0012	1.2E-06 U	1E-06 U	1.1E-06 U	1.5E-05 U	6.7E-05 UG	--	0.00048	1.9E-06 U	5.5E-06 U	5.2E-05 J	7E-05 G
2,3,4',6-Tetrachlorobiphenyl (PCB 64)	mg/Kg		8.23E-05	1.87E-05 J	0.0027	0.0003 JB	0.00016	1.2E-05 J	2.4E-05 J	5.2E-05 B	0.0019 B	0.0059 EB	--	0.00054 B	3.9E-05 JB	8.5E-05	0.0008	0.0032
2,3,4'-Trichlorobiphenyl (PCB 22)	mg/Kg		2.05E-05 U	2.11E-05 U	0.003 G	0.00029 J	8.2E-05	7.8E-06 J	6.5E-06 J	7.3E-05	0.0028 G	0.0066 EG	--	0.002	5.4E-06 J	1.4E-05 J	9.1E-05 J	5.2E-05
2,3',4-Trichlorobiphenyl (PCB 25)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00023 G	2.5E-05 J	0.00014	1.2E-06 U	8.6E-07 U	5.9E-06 Jq	0.0003 G	0.00077 G	--	0.00055	1.3E-06 J	3.7E-06 J	4.1E-05 J	3.6E-05 J
2,3',5,5'-Tetrachlorobiphenyl (PCB 72)	mg/Kg		5.12E-05 U	5.28E-05 U	4.6E-05 UG	1.2E-05 U	2.6E-05 J	1.3E-06 U	1.1E-06 U	1.2E-06 U	1.6E-05 U	7.3E-05 UG	--	0.00064	2.1E-06 U	5.9E-06 U	6.7E-05 J	8.3E-05 G
2,3',5',6-Tetrachlorobiphenyl (PCB 73)	mg/Kg		--	--	3.6E-06 U	6.6E-06 U	0.00011	6.5E-07 U	5.4E-07 U	4.7E-07 U	2.9E-06 U	7.5E-06 U	--	0.00014 J	7.4E-07 U	7.9E-07 U	9.2E-06 U	4.2E-05 q
2,3,5-Trichlorobiphenyl (PCB 23)	mg/Kg		2.05E-05 U	2.11E-05 U	5.6E-05 UG	1.6E-05 U	6.7E-06 U	1.2E-06 U	8.3E-07 U	1.9E-06 U	4.6E-05 UG	0.00013 UG	--	0.00023 U	1E-06 U	1.7E-06 U	1.5E-05 U	1.3E-05 U
2,3',5'-Trichlorobiphenyl (PCB 34)	mg/Kg		2.05E-05 U	2.11E-05 U	5.8E-05 UG	1.7E-05 U	9.5E-05	1.2E-06 U	8.6E-07 U	2E-06 U	4.8E-05 UG	0.00013 UG	--	0.00034 J	1.1E-06 U	1.8E-06 U	1.9E-05 J	1.4E-05 U
2,3,6-Trichlorobiphenyl (PCB 24)	mg/Kg		2.05E-05 U	2.11E-05 U	3.4E-05 J	1.2E-05 U	9.9E-07 J	1.1E-06 U	1.1E-06 U	7.4E-07 U	1.1E-05 J	3.1E-05 J	--	0.00018 J	9.5E-07 U	5.4E-07 U	1.2E-05 J	5.7E-06 J
2,3',6-Trichlorobiphenyl (PCB 27)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00025	1.2E-05 U	4.8E-07 U	1.1E-06 U	1.1E-06 U	3.7E-06 J	7.8E-05	0.0003	--	0.00018 J	9.6E-07 U	8.7E-07 J	1.6E-05 J	1.7E-05 J
2,3-Dichlorobiphenyl (PCB 5)	mg/Kg		2.05E-05 U	2.11E-05 U	1.5E-05 U	0.00013 U	3.1E-06 U	5.9E-06 U	5.6E-06 U	4.4E-06 U	9.4E-06 U	1.9E-05 U	--	0.00025 J	6.3E-06 U	2.5E-06 U	3.6E-05 U	2E-05 U
2,3'-Dichlorobiphenyl (PCB 6)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00032	0.00013 U	4E-05	5.9E-06 U	5.7E-06 U	4.4E-06 U	8.3E-05	0.00024	--	0.0021	6.3E-06 U	2.5E-06 U	4E-05 J	2E-05 U
2,4',5-Trichlorobiphenyl (PCB 31)	mg/Kg		1.77E-05 J	3.61E-06 J	0.0046 EBG	0.00055 B	0.00016 B	1.6E-05 JB	1.3E-05 JB	0.00011 B	0.0037 BG	0.01 EBG	--	0.005 B	1.3E-05 JB	4E-05 J	0.00025	0.00014 B
2,4',6-Trichlorobiphenyl (PCB 32)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00081	5.2E-05 J	1.7E-05 J	1.6E-06 Jq	2.8E-06 J	1.5E-05 J	0.00033	0.0012	--	0.00036 J	1E-06 Jq	2.5E-06 J	3.7E-05 J	3.8E-05 J
2,4-Dichlorobiphenyl (PCB 7)	mg/Kg		2.05E-05 U	2.11E-05 U	3.3E-05 J	0.00012 U	1.3E-05 J	5.5E-06 U	5.3E-06 U	4.1E-06 U	8.8E-06 Jq	3.3E-05 J	--	0.00025 J	5.9E-06 U	2.3E-06 U	3.4E-05 U	1.9E-05 U
2,4'-Dichlorobiphenyl (PCB 8)	mg/Kg		5.12E-05 U	5.28E-05 U	0.0019	0.00013 U	4.5E-05	5.8E-06 U	5.5E-06 U	2E-05 Jq	0.00051	0.0014	--	0.0063	1.6E-05 J	2.1E-05 J	0.00011 J	4.8E-05
2,5-Dichlorobiphenyl (PCB 9)	mg/Kg		2.05E-05 U	2.11E-05 U	7.6E-05	0.00014 U	5.3E-06 J	6.2E-06 U	6E-06 U	4.6E-06 U	1.7E-05 Jq	7.1E-05	--	0.00074	6.7E-06 U	2.7E-06 U	3.8E-05 U	2.1E-05 U
2,6-Dichlorobiphenyl (PCB 10)	mg/Kg		5.12E-05 U	5.28E-05 U	2.3E-05 J	5.2E-05 U	2.1E-06 U	1.6E-05 U	1.7E-05 U	8.9E-06 U	1.4E-05 U	1.4E-05 U	--	8.6E-05 J	2.7E-06 U	4.2E-06 U	4.2E-05 U	2.2E-05 U
2-Chlorobiphenyl (PCB 1)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00019 B	2E-05 JqB	2E-05 JB	5.1E-06 JB	3.4E-06 JqB	7E-06 JB	1.4E-05 JB	0.00026 B	--	0.0016 B	1.6E-05 JB	9E-06 J	3.7E-05 JB	1.4E-05 JB
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/Kg		5.12E-05 U	5.28E-05 U	4.9E-05 UG	1E-05 U	9.2E-06 G	5.9E-07 U	1.1E-06 U	9.1E-07 U	6E-06 UG	2.5E-05 UG	--	0.00043 G	2.4E-06 U	6.3E-06 UJ+	4.2E-05 UG	0.00012 UG
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/Kg		6.53E-05 U	5.28E-05 U	0.00048 G	3.2E-05 U	8.7E-05 G	1.5E-06 U	4.3E-06	5.8E-06	6.7E-05 G	0.00039 G	--	0.00087 G	1.8E-05 UG	3.4E-05 UJ+	0.00028 G	0.00088 G
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/Kg		3.18E-05 J	5.28E-05 U	0.0022 G	0.00015	0.00021 G	1.5E-06 U	9.6E-06	3.2E-05	0.0017 G	0.005 EG	--	0.0011 G	2E-05	0.00012 J+	0.00035 G	0.00082 G
3,3',4,5,5'-Pentachlorobiphenyl (PCB 127)	mg/Kg		6.57E-05 U	5.28E-05 U	0.00017 UG	2.4E-05 U	2.4E-05 U	1.5E-06 U	3.5E-06 U	3.2E-06 U	3.2E-05 U	0.00016 UG	--	0.00068	1.5E-05 U	3.4E-05 U	0.0002 U	0.00068 UG
3,3',4,5-Tetrachlorobiphenyl (PCB 78)	mg/Kg		5.12E-05 U	5.28E-05 U	5.4E-05 UG	1.4E-05 U	8.8E-06 U	1.5E-06 U	1.3E-06 U	1.4E-06 U	1.9E-05 U	8.5E-05 UG	--	0.00061	2.5E-06 U	7E-06 U	6.3E-05 U	0.00024 G
3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	mg/Kg		6.26E-05	5.28E-05 U	0.00036 G	3.1E-05 J	4.7E-05	1.3E-06 U	3.5E-06 J	3.2E-06 Jq	4E-05 J	0.00035 G	--	0.0008	2.3E-05 J	7.4E-05	0.00029	0.0011 G
3,3',4-Trichlorobiphenyl (PCB 35)	mg/Kg		2.05E-05 U	2.11E-05 U	0.0016 G	3.9E-05 J	3.5E-05 J	1.4E-06 U	1E-06 U	6.8E-06 J	0.00017 G	0.00036 G	--	0.001	1.9E-06 Jq	9E-06 J	8.8E-05 J	7.7E-05
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)	mg/Kg		5.12E-05 U	5.28E-05 U	4.4E-05 UG	1.2E-05 U	7.2E-05	1.3E-06 U	1.1E-06 U	1.2E-06 U	1.6E-05 U	7.1E-05 UG	--	0.00038 J	2E-06 U	5.8E-06 U	5.3E-05 U	6.3E-05 UG

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	HP1	HP1	J2Landfill	J2Landfill	J2Landfill	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NortheastProperty	NorthStorageArea	NorthStorageArea	NorthStorageArea	PondAreas	PondAreas	PondAreas
		Location	HP1-6	HP1-6	J2-SS-1	J2-SS-2	J2-SS-3	NE-B-1	NE-B-2	NE-B-3	NE-B-4	NE-B-5	NS-B-1	NS-SS-1	NS-SS-5	P-B-1	P-B-10	P-B-11
		Sample Name	HP1-6-1	HP1-6-2	J2-SS-1_SS	J2-SS-2_SS	J2-SS-3_SS	NE-B-1_SS	NE-B-2_SS	NE-B-3_SS	NE-B-4_SS	NE-B-5_SS	NS-B-1 Waste Class	NS-SS-1_SS	NS-SS-5_SS	P-B-1_SS	P-B-10_SS	P-B-11_SS
		Start Depth	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	1	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft below liner	ft below liner	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	7/10/2013	7/10/2013	11/21/2013	11/21/2013	11/21/2013	11/22/2013	11/22/2013	11/22/2013	12/4/2013	12/4/2013	11/13/2013	11/20/2013	11/20/2013	11/14/2013	12/11/2013	12/11/2013
		Parent Sample																
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
3,3',5-Trichlorobiphenyl (PCB 36)	mg/Kg		2.05E-05 U	2.11E-05 U	5.9E-05 UG	1.7E-05 U	0.00011	1.2E-06 U	8.8E-07 U	2E-06 U	4.8E-05 UG	0.00014 UG	--	0.00059	1.1E-06 U	1.8E-06 U	5.4E-05 J	1.4E-05 Jq
3,3'-Dichlorobiphenyl (PCB 11)	mg/Kg		2.43E-05 J	2.08E-05 J	0.0028 B	0.00046	0.00013 B	6.1E-06 U	5.8E-06 U	1.8E-05 J	2.9E-05 J	4.6E-05 q	--	0.0011	1.1E-05 J	1.5E-05 J	0.0001 J	6.2E-05
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/Kg		5.12E-05 U	5.28E-05 U	5.7E-05 UG	1.7E-05 U	9.3E-06 UG	1.4E-06 U	1.2E-06 U	1.4E-06 U	5.8E-05 G	0.00014 qG	--	0.00071 G	2.5E-06 U	6.4E-06 UJ+	6.6E-05 UG	9.3E-05 UG
3,4,4'-Trichlorobiphenyl (PCB 37)	mg/Kg		9.59E-06 J	2.11E-05 U	0.0041 G	0.00052	0.0002	4.6E-06 J	1.9E-05 J	9.4E-05	0.006 EG	0.014 EG	--	0.0039	2.1E-05 J	4.8E-05	0.00026	0.00032
3,4,5-Trichlorobiphenyl (PCB 38)	mg/Kg		2.05E-05 U	2.11E-05 U	6.4E-05 UG	1.8E-05 U	7.6E-06 U	1.3E-06 U	9.4E-07 U	2.1E-06 U	5.2E-05 UG	0.00015 UG	--	0.00042 J	1.2E-06 U	2E-06 U	1.7E-05 U	1.5E-05 U
3,4',5-Trichlorobiphenyl (PCB 39)	mg/Kg		2.05E-05 U	2.11E-05 U	6E-05 UG	1.7E-05 U	0.0011	1.3E-06 U	8.8E-07 U	2E-06 U	4.9E-05 UG	0.00014 UG	--	0.0012	1.1E-06 U	1.9E-06 U	4.6E-05 J	5.3E-05
3,5-Dichlorobiphenyl (PCB 14)	mg/Kg		2.05E-05 U	2.11E-05 U	1.3E-05 U	0.00011 U	0.00012	5.1E-06 U	4.9E-06 U	3.8E-06 U	8.2E-06 U	1.7E-05 U	--	0.00025 J	5.5E-06 U	2.2E-06 U	3.1E-05 U	1.7E-05 U
3-Chlorobiphenyl (PCB 2)	mg/Kg		2.05E-05 U	2.11E-05 U	0.00027	5.5E-05 JB	8.7E-05	3.1E-06 JB	1.8E-06 JqB	1E-05 JB	1.3E-05 J	5.9E-05	--	0.0014 B	6E-06 JB	9.5E-06 J	4.1E-05 J	2.1E-05 JB
4,4'-Dichlorobiphenyl (PCB 15)	mg/Kg		5.12E-05 U	5.28E-05 U	0.0045 E	0.00031 J	0.00013	5.8E-06 U	5.4E-06 U	4.9E-05	0.0018	0.0051 E	--	0.0038	2.6E-05 J	4.2E-05	0.00061	0.00055
4-Chlorobiphenyl (PCB 3)	mg/Kg		5.12E-05 U	5.28E-05 U	0.00052 B	0.0001 JB	5.3E-05 B	8.1E-06 JB	3E-06 JqB	4.2E-05 JB	3.3E-05 J	0.00014	--	0.0016 B	3.8E-05 JB	1.7E-05 J	0.00014 J	5.2E-05 B
Decachlorobiphenyl (PCB 209)	mg/Kg		0.000508 J+	5.28E-05 J+	0.43 EB	0.02 B	0.077 B	7.9E-05 B	0.002 B	0.0016 B	0.0084 EB	0.016 EB	--	0.34 EB	0.0022 B	0.004	0.15 E	0.56 EG
PCB 107/124	mg/Kg		--	--	0.00076 G	6.1E-05 J	8.7E-05	2.8E-06 J	6.2E-06 Jq	9.1E-06 J	8.8E-05	0.00085 G	--	0.0011	3.4E-05 Jq	0.00015	0.0005	0.0021 G
PCB 110/115	mg/Kg		0.00425	0.000145 J+	0.024 EBG	0.0022 B	0.0032 B	0.00011 B	0.00029 B	0.00026 B	0.0032 B	0.022 EBG	--	0.008 B	0.0014 B	0.0038	0.018	0.08 EG
PCB 12/13	mg/Kg		5.12E-05 U	5.28E-05 U	0.00047	0.00014 U	0.00034	6.2E-06 U	5.9E-06 U	4.6E-06 U	9.1E-05	0.00029	--	0.0035	1.2E-05 Jq	1.7E-05 J	0.00016 J	9.5E-05
PCB 128/166	mg/Kg		0.000818	1.04E-05 J	0.005	0.00028 J	0.00076	6.9E-06 J	5.6E-05 J	4.7E-05 J	0.00065	0.0042	--	0.0013	0.00023	0.00073	0.003	0.013 EG
PCB 129/138/163	mg/Kg		0.00418	6.55E-05 J	0.03 EB	0.0018 B	0.0042 B	5.1E-05 JB	0.00035 B	0.0003 B	0.0048 B	0.024 B	--	0.0051 B	0.0013 B	0.0037	0.02	0.064 EG
PCB 134/143	mg/Kg		--	--	0.00081 G	8E-05 J	0.00012	2.2E-06 J	1.3E-05 J	9.7E-06 J	0.00015	0.00088	--	0.00065 J	6.1E-05 J	0.00011	0.00069	0.0023 G
PCB 135/151	mg/Kg		0.000492	3E-05 J	0.0046	0.00041 J	0.00058	1.5E-05 J	6.6E-05 J	6E-05 J	0.00098	0.0041	--	0.0017	0.00024	0.00036	0.0043	0.0092 EG
PCB 139/140	mg/Kg		5.87E-05 J	0.000106 U	0.00031	2.7E-05 J	4.6E-05 J	1.1E-06 U	4E-06 J	4.2E-06 J	3.1E-05 J	0.00031	--	0.0011	2.3E-05 J	3.9E-05 J	0.00027 J	0.0011 G
PCB 147/149	mg/Kg		0.0018	5.29E-05 J	0.013 EB	0.0011 B	0.0017 B	4.3E-05 JB	0.00017 B	0.00016 B	0.0032	0.012	--	0.0026 B	0.0007 B	0.0012	0.011	0.03 EG
PCB 153/168	mg/Kg		0.00277	4.15E-05 J	0.022 EB	0.0013 B	0.0026 B	4.1E-05 JB	0.00022 B	0.0002 B	0.0037	0.015	--	0.0032 B	0.00079 B	0.0019	0.015	0.038 EG
PCB 156/157	mg/Kg		0.000674	1.02E-05 J	0.0043 G	0.00026	0.0006	5.8E-06 J	5.2E-05	4.6E-05	0.00047	0.0037 G	--	0.0026 G	0.00022	0.00085	0.0027 G	0.01 EG
PCB 171/173	mg/Kg		0.000102 J	0.000106 U	0.0026	0.00013 J	0.00034	2.6E-06 J	3.3E-05 J	3.2E-05 J	0.00082	0.002	--	0.0065	7.1E-05 J	0.00018	0.002	0.0028
PCB 18/30	mg/Kg		5.12E-05 U	5.28E-05 U	0.0017	0.00017 J	4.2E-05 J	2.7E-06 J	5.3E-06 J	3.7E-05 J	0.00062 B	0.0023 B	--	0.0017	4.5E-06 J	9.5E-06 J	0.00011 J	7.5E-05 J
PCB 180/193	mg/Kg		0.000383	6.71E-06 J	0.029 EB	0.0012 B	0.0027 B	2.6E-05 J	0.00028	0.00028 B	0.0062	0.014 E	--	0.012 B	0.00043 B	0.00085	0.013	0.011 E
PCB 198/199	mg/Kg		2.4E-05 J	0.000106 U	0.0062	0.00031 J	0.00069	6.5E-06 J	5.2E-05 J	6.9E-05 J	0.0014	0.0031	--	0.0096	7.1E-05 J	0.00011	0.0034	0.0031
PCB 20/28	mg/Kg		1.23E-05 J	5.28E-05 U	0.0073 B	0.00062 JB	0.00021 B	1.7E-05 JB	1.8E-05 JB	0.00016 B	0.0058 B	0.017 EBG	--	0.0022 B	1.5E-05 JB	4.2E-05 J	0.00043	0.0003 B
PCB 21/33	mg/Kg		5.12E-05 U	5.28E-05 U	0.003 B	0.00019 JB	8.3E-05 B	8E-06 JB	6.8E-06 JB	7.7E-05 JB	0.0029 B	0.0061 BG	--	0.0036 B	7E-06 JB	1.8E-05 J	0.00012 J	5.3E-05 J
PCB 26/29	mg/Kg		5.12E-05 U	5.28E-05 U	0.00054	5.6E-05 J	2.6E-05 J	1.2E-06 U	1.7E-06 Jq	1.6E-05 J	0.00054	0.0017 G	--	0.0011	2.3E-06 J	7.7E-06 J	6.5E-05 J	3.9E-05 J
PCB 40/71	mg/Kg		--	--	0.0027	0.00044 J	0.00014	9.4E-06 J	1.8E-05 J	5.9E-05 J	0.0024 B	0.007 B	--	0.0026	2.5E-05 J	5.2E-05 J	0.00058	0.0015
PCB 44/47/65	mg/Kg		0.000268 J+	0.000106 J+	0.0062 B	0.0012 JB	0.00033 B	2.8E-05 JB	4E-05 JB	0.0001 JB	3.5E-06 U	0.011 B	--	0.0018 B	0.00014 B	0.00025	0.0029 B	0.011 B
PCB 49/69	mg/Kg		9.6E-05 J	4.58E-05 J	0.0031 B	0.00066 JB	0.00016 B	1.4E-05 J	1.4E-05 J	5.1E-05 JB	0.0016 B	0.0055 B	--	0.0011 B	6.5E-05 JB	0.00011	0.0014	0.0047
PCB 50/53	mg/Kg		3.87E-06 J	4.5E-06 J	0.00053	8.7E-05 J	2.1E-05 J	2.2E-06 J	5.6E-06 J	1E-05 J	0.00023	0.0009	--	0.00031 J	1E-05 J	6.6E-06 J	0.00016 J	0.00049
PCB 59/62/75	mg/Kg		1.03E-05 J	3.72E-06 J	0.00039	5E-05 J	2.2E-05 J	1.4E-06 Jq	2.8E-06 J	1.1E-05 J	0.00038	0.0012	--	0.0011 J	2.7E-06 J	6.9E-06 J	0.00014 J	0.00013
PCB 61/70/74/76	mg/Kg		0.00178	0.000147 J	0.0083 B	0.0014 JB	0.00086 B	7.6E-05 JB	6.4E-05 JB	0.00024 B	0.0094 B	0.028 EB	--	0.0057 B	0.00025 B	0.0014	0.0062	0.0099
PCB 85/116/117	mg/Kg		--	--	0.003 G	0.00029 J	0.00034	1.2E-05 Jq	2.5E-05 Jq	3.3E-05 J	0.00052	0.0034 G	--	0.0028	0.00016	0.00041	0.0023	0.011 G
PCB 86/87/97/109/119/125	mg/Kg		0.00307	0.00013 J	0.011	0.0013 JB	0.0013	6.4E-05 JB	0.00011 JB	0.00013 JB	0.0017	0.012	--	0.0053 B	0.00073 B	0.0019	0.0096	0.041 EG
PCB 88/91	mg/Kg		0.000376	5.36E-05 J+	0.0014 G	0.00031 J	0.00015	1.1E-05 J	1.9E-05 J	2E-05 J	0.00027	0.0015 G	--	0.0011	0.00013	0.00017	0.0014	0.0069 G
PCB 90/101/113	mg/Kg		0.0034	0.000249 J+	0.015 EBG	0.002 B	0.0016 B	9.8E-05 JB	0.00015 B	0.00017 B	0.0018 B	0.014 EBG	--	0.0042 B	0.0011 B	0.0023	0.014	0.059 EG
PCB 93/100	mg/Kg		0.000205 U	0.000211 U	0.00019 UG	2.7E-05 U	2.7E-05 U	1.7E-06 U	3.9E-06 U	3.5E-06 U	3.6E-05 U	0.00017 UG	--	0.00066 J	1.7E-05 U	3.7E-05 U	0.00023 U	0.00076 UG
PCB 98/102	mg/Kg		1.37E-05 J	4.55E-06 J	0.00017 UG	4E-05 Jq	2.5E-05 U	1.6E-06 U	3.6E-06 U	3.6E-06 J	5.2E-05 J	0.00024 G	--	0.00058 J	1.6E-05 J	3.5E-05 U	0.00026 J	0.00075 G
Total Dichlorobiphenyl	mg/Kg		2.43E-05 J	2.08E-05 J	0.011 B	0.00078 J	0.00084 B	2.8E-05 U	3.1E-05 U	8.6E-05 Jq	0.0026 q	0.0076 q	--	0.021	6.4E-05 Jq	9.5E-05 J	0.001 J	0.00075
Total Heptachlorobiphenyl	mg/Kg		0.00158 J	2.62E-05 J	0.082 B	0.0038 JqB	0.0088 B	8.4E-05 Jq	0.00091 q	0.00091 Bq	0.02	0.049	--	0.058 B	0.0015 Bq	0.003 J+	0.045	0.042 q
Total Hexachlorobiphenyl	mg/Kg		0.0152 J	0.00031 J	0.11 B	0.0073 B	0.015 Bq	0.00022 JqB	0.0013 B	0.0011 B	0.019 B	0.088 B	--	0.048 B	0.005 B	0.012	0.076	0.23
Total Monochlorobiphenyl	mg/Kg		5.12E-05 U	5.28E-05 U	0.00098 B	0.00018 JqB	0.00016 JB	1.6E-05 JB	8.1E-06 JqB	6E-05 JB	6E-05 JB	0.00047 B	--	0.0046 B	5.9E-05 JB	3.6E-05 J	0.00022 JB	8.8E-05 JB
Total Nonachlorobiphenyl	mg/Kg		5.53E-05 J	8.78E-06 J	0.026	0.0012 J	0.0032	1.5E-05 Jq	0.00015 J	0.00022 J	0.002	0.0034	--	0.095	0.00034 J	0.00091	0.013	0.028
Total Octachlorobiphenyl	mg/Kg		0.000117 J	0.000106 U	0.028	0.0013 Jq	0.0028	2.7E-05 Jq	0.00023 Jq	0.00031 Jq	0.0056	0.011 q	--	0.056	0.00035 Jq	0.00061	0.015	0.017
Total PCBs (Lab calculated)	mg/Kg	**0.83**	0.0495 J	0.00247 J	0.75 Bq	0.058 qB	0.13 Bq	0.0013 qB	0.0061 qB	0.0073 Bq	0.14 Bq	0.48 Bq	--	0.73 B	0.018 Bq	0.043 J+	0.42 B	**1.4 Bq**
Total Pentachlorobiphenyl	mg/Kg		0.0281 J	0.00138 J	0.11 Bq	0.012 qB	0.013 B	0.00055 qB	0.0012 qB	0.0013 Bq	0.016 Bq	0.11 B	--	0.05 B	0.0069 Bq	0.019	0.094	0.4 qG
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	**0.0027**	--	--	4.9E-05	1.7E-05	9.1E-06	2.6E-09	4.4E-07	3.3E-06	7E-06	4.1E-05	--	**0.008**	1.1E-05	--	9.1E-05	0.0005
Total TEQ-Dioxin/Furan only	mg/Kg	**0.0027**	--	--	--	1.7E-05	--	--	--	2.7E-06	--	--	--	**0.008**	1.1E-05	--	--	--
Total TEQ-PCB Congener Only	mg/Kg		3E-07	4.47E-09 J	4.9E-05	8.8E-08	9.1E-06	2.6E-09	4.4E-07	6E-07	7E-06	4.1E-05	--	0.0001	4.8E-08	2.3E-07 J	9.1E-05	2.9E-05
Total Tetrachlorobiphenyl	mg/Kg		0.00381 J	0.000669 J	0.048 B	0.0088 qB	0.0049 B	0.00025 JqB	0.00032 JqB	0.0011 Bq	0.038 B	0.13 Bq	--	0.029 B	0.0011 Bq	0.0034	0.025 B	0.075 Bq
Total Trichlorobiphenyl	mg/Kg		3.95E-05 J	3.61E-06 J	0.03 B	0.0026 JB	0.0024 B	5.8E-05 JqB	7.5E-05 JqB	0.00065 Bq	0.025 B	0.063 B	--	0.026 B	7.7E-05 JBq	0.00021 J	0.0018 J	0.0013 Bq
Aroclor 1016	mg/Kg	23.6	--	--	--	--	--	--	--	--	--	--	0.0046 UJ	--	--	--	--	--
Aroclor 1221	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	0.0046 UJ	--	--	--	--	--
Aroclor 1232	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	0.0046 UJ	--	--	--	--	--
Aroclor 1242	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	0.0046 UJ	--	--	--	--	--
Aroclor 1248	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	0.0046 UJ	--	--	--	--	--
Aroclor 1254	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	0.0029 U	--	--	--	--	--
Aroclor 1260	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	0.0029 U	--	--	--	--	--
Total PCBs (Lab calculated)	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	--	0.0029 U	--	--	--	--	--

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea
		Location	P-B-12	P-B-2	P-B-3	P-B-4	P-B-5	P-B-6	P-B-7	P-B-7	PA-SS-1	PA-SS-10	PA-SS-10	PA-SS-11	PA-SS-2	PA-SS-2	PA-SS-3	PA-SS-4	PA-SS-5	PA-SS-6
		Sample Name	P-B-12_SHALLOW	P-B-2_SS	P-B-3_SS	P-B-4_SS	P-B-5_SS	P-B-6_SS	P-B-7_SS	P-B-7_SS DUP	PA-SS-1_SS	PA-SS-10_SS	PA-SS-10_SS DUP	PA-SS-11_SS	PA-SS-2_SS	PA-SS-2_SS DUP	PA-SS-3_SS	PA-SS-4_SS	PA-SS-5_SS	PA-SS-6_SS
		Start Depth	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/5/2013	11/18/2013	11/18/2013	12/3/2013	12/2/2013	11/15/2013	12/2/2013	12/2/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013
		Parent Sample								P-B-7_SS_12/02/13			PA-SS-10_SS_12/13/13			PA-SS-2_SS_12/13/13				
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																		
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	mg/Kg		0.022 EG	0.0036	0.00088	0.00075	2.3E-05 J	0.00011	0.00062	0.0017	0.0063	--	--	--	0.0031	0.0025	0.0031	0.00027	0.0071	0.00079
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	mg/Kg		0.0063 E	0.00093	0.0004	0.00019 J	1.4E-05 J	0.00011	0.00074	0.0013	0.0017	--	--	--	0.004	0.0065	0.0021	0.00012 J	0.025	0.00018
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)	mg/Kg		0.011 E	0.0053 J	0.0012	0.0008	2.9E-05 J	0.00013	0.00086	0.0022	0.0051	--	--	--	0.0018	0.0013	0.0023	0.00089	0.0041	0.00095
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	mg/Kg		0.0021	0.00034	0.00013	3.8E-05 Jq	4.2E-06 Jq	3.7E-05 J	0.0002 J	0.0004 J	0.00037 J	--	--	--	0.0018	0.002	0.0005 J	2.6E-05 Jq	0.01	6.3E-05
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (PCB 196)	mg/Kg		0.0048 EG	0.00099	0.00033	0.00013 J	8.1E-06 Jq	4.6E-05	0.00031 J	0.00061	0.0012	--	--	--	0.0028	0.0022	0.001 J	5.6E-05 J	0.013	0.00013
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/Kg		0.014 EG	0.002	0.0022	0.00021 Jq	6.1E-05	0.00033	0.0056	0.0089	0.0022	--	--	--	0.014 E	0.016	0.0081	0.00096	0.09 E	0.0003
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB 197)	mg/Kg		0.0018	0.00075	0.0002	9.1E-05 J	3.4E-06 Jq	1.7E-05 J	9.3E-05 J	0.00024 J	0.00076	--	--	--	0.00028	0.00016 J	0.00022 J	7.7E-05 J	0.0014	8E-05
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	mg/Kg		0.014 E	0.0031	0.00073	0.00054	1.8E-05 J	8.7E-05	0.00058	0.0015	0.0036	--	--	--	0.0014	0.0013	0.002	0.00046	0.0032	0.00067
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172)	mg/Kg		0.0027 G	0.00062	0.00034	8.3E-05 J	6.9E-06 Jq	5E-05	0.0006	0.00095	0.00058	--	--	--	0.0018	0.0019	0.0011 J	0.00012 J	0.015	6E-05
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)	mg/Kg		0.0011	0.00023	6.8E-05	2.3E-05 J	1.6E-06 J	8.4E-06 J	4.7E-05 J	0.0001 J	0.00024 J	--	--	--	0.00071	0.00044 J	0.00027 J	1.6E-05 J	0.0038	6E-05
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	mg/Kg		0.0023	0.00071	0.0002	9.1E-05 J	4.7E-06 J	1.9E-05 J	9.5E-05 Jq	0.00027 J	0.00078	--	--	--	0.00069	0.00036 J	0.00038 J	6.3E-05 J	0.0038	0.0001
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	mg/Kg		0.013 EG	0.0011	0.0012	0.00017 J	2.8E-05 J	0.0002	0.0027	0.0044	0.0018 B	--	--	--	0.013 E	0.011	0.0056	0.00052	0.13 E	0.00041
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB 175)	mg/Kg		0.001	0.00026	9.1E-05	2.9E-05 J	1.9E-06 Jq	8.2E-06 J	0.0001 J	0.0002 J	0.00029 J	--	--	--	0.00042	0.00023 Jq	0.00026 J	2.1E-05 J	0.0029	1.6E-05 J
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB 177)	mg/Kg		0.0034 qG	0.0007	0.00074	8.9E-05 Jq	1.9E-05 J	0.00013	0.0016	0.0029	0.001	--	--	--	0.0071 E	0.006	0.0032	0.00032	0.056	0.0002
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB 130)	mg/Kg		0.0036 G	0.00072 J+	0.00099 J+	9E-05 J	1.9E-05 J	8.2E-05	0.0024	0.0042	0.00096	--	--	--	0.0012 G	0.0011 q	0.004	0.00044	0.0057	5.5E-05
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB 176)	mg/Kg		0.0014	0.00017	0.00012	2.7E-05 J	2.4E-06 J	1.3E-05 J	0.0002 J	0.00038 J	0.00027 J	--	--	--	0.0012	0.00059 J	0.00054 J	3.5E-05 J	0.0085	4E-05 J
2,2',3,3',4,6-Hexachlorobiphenyl (PCB 131)	mg/Kg		0.00074 G	7.7E-05 J+	0.00014 J+	2.3E-05 U	2.4E-06 J	9.5E-06 J	0.00044	0.00075	0.00021 J	--	--	--	0.00024 G	0.00024 J	0.00085 J	6.4E-05 Jq	0.00078 U	1.1E-05 J
2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132)	mg/Kg		0.017 EG	0.0022 J+	0.004 J+	0.00032 J	6.7E-05	0.00029	0.011	0.019	0.0039	--	--	--	0.0087 EBG	0.0069 B	0.02 B	0.0016 B	0.043 B	0.00031 B
2,2',3,3',4-Pentachlorobiphenyl (PCB 82)	mg/Kg		0.0064 EG	0.0011 J+	0.0012 J+	0.00016 J	2.4E-05 J	9.6E-05	0.0045 G	0.0071 G	0.0016	--	--	--	0.00067 G	0.0016	0.0056	0.00082	0.0039 G	4.9E-05
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	mg/Kg		0.0022	0.00028	8.8E-05	4E-05 J	2.9E-06 J	1.8E-05 J	8.8E-05 J	0.00022 J	0.00058	--	--	--	0.00061	0.00053 J	0.00049 J	2.8E-05 Jq	0.0048	7.5E-05
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	mg/Kg		0.002	0.00024	0.00018	2.6E-05 Jq	3.5E-06 J	2.4E-05 J	0.0003 J	0.00055	0.00038 J	--	--	--	0.0016	0.00092	0.00074 J	4.6E-05 J	0.012	5.9E-05
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)	mg/Kg		0.00061 G	0.00012 J+	0.00011 J+	2.1E-05 U	2E-06 U	1.1E-05 J	0.00029 J	0.00049	0.00017 J	--	--	--	0.00023 G	0.00019 J	0.00051 J	5.6E-05 J	0.00093	8.9E-06 Jq
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB 179)	mg/Kg		0.0038	0.00022	0.00026	3.2E-05 Jq	5E-06 J	3.7E-05 J	0.0005	0.00093	0.00051	--	--	--	0.0036	0.0017	0.0015 J	8E-05 J	0.028	0.00014
2,2',3,3',5-Pentachlorobiphenyl (PCB 83)	mg/Kg		0.0017 G	0.00028 J+	0.0003 J+	4.3E-05 Jq	6E-06 U	3.1E-05 J	0.0013 G	0.0026 G	0.00047	--	--	--	0.00031 G	0.00061 J	0.0022	0.00024	0.0015 G	1.6E-05 J
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136)	mg/Kg		0.0048 EG	0.00035	0.00061	5.9E-05 J	8.5E-06 Jq	5E-05	0.002	0.0035	0.00098	--	--	--	0.0031 G	0.0019	0.005	0.00035	0.01	0.00013
2,2',3,3',6-Pentachlorobiphenyl (PCB 84)	mg/Kg		0.012 EG	0.0012 J+	0.0018 J+	0.00021 J	3.5E-05 J	0.00011	0.007 G	0.012 G	0.003	--	--	--	0.0017 G	0.0037	0.014	0.0013	0.0062	0.00015
2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	mg/Kg		0.0052 EG	0.00059	0.00027	0.00012 Jq	7E-06 J	5E-05	0.00036 J	0.00072	0.0011	--	--	--	0.0034	0.0028	0.0015 J	6.2E-05 J	0.015	0.0002
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB 204)	mg/Kg		0.0011	0.00045	0.0001	4.1E-05 J	2.6E-06 J	6.5E-06 J	2.5E-05 J	6.8E-05 J	0.00044	--	--	--	2.9E-05 J	1.7E-05 U	6.3E-05 J	1.4E-05 J	0.00023 J	1.5E-05 J
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB 181)	mg/Kg		0.00033 G	0.0001	4.8E-05	1E-05 U	1E-06 U	5.3E-06 J	7.6E-05 J	0.00013 Jq	0.00012 J	--	--	--	5.9E-05	5.8E-05 U	0.00016 Jq	2E-05 J	0.00021 U	3.1E-06 U
2,2',3,4,4',5,6'-Heptachlorobiphenyl (PCB 182)	mg/Kg		0.00037	0.00015	4.6E-05	1.1E-05 U	1.2E-06 U	3.7E-07 U	2.6E-05 J	5.5E-05 J	0.00013 Jq	--	--	--	3.5E-06 U	2.6E-05 U	7.1E-05 J	6.3E-06 J	6.3E-05 U	3E-06 Jq
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	mg/Kg		0.0069 E	0.00084	0.00064	0.00011 J	1.8E-05 J	0.00011	0.0014	0.0024	0.0011 B	--	--	--	0.007 E	0.0058	0.0029	0.00024	0.062	0.00019
2,2',3,4,4',5-Hexachlorobiphenyl (PCB 137)	mg/Kg		0.003 G	0.00059 J+	0.00081 J+	6E-05 J	1.4E-05 J	6.7E-05	0.0025	0.0043	0.00079	--	--	--	0.00043 G	0.00055 J	0.0035	0.00044	0.0016	3.2E-05 J
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB 184)	mg/Kg		0.00064	0.00024	6E-05	3.4E-05 J	1.7E-06 J	3.7E-06 J	1.4E-05 J	4.1E-05 J	0.00025 J	--	--	--	2.9E-05 J	2.1E-05 U	4.8E-05 J	1.6E-05 J	5.1E-05 U	1E-05 Jq
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB 185)	mg/Kg		0.0015 G	0.00013	6.2E-05	2.6E-05 J	2.1E-06 Jq	1.6E-05 J	9.8E-05 Jq	0.00026 J	0.00015 Jq	--	--	--	0.0013	0.0013	0.00032 J	3.6E-05 Jq	0.012	4.4E-05
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	mg/Kg		0.012 E	0.00079	0.00093	0.00015 J	2.1E-05 J	0.00014	0.0019	0.0034	0.002	--	--	--	0.011 E	0.007	0.0045	0.0003	0.087 E	0.00038
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	mg/Kg		0.0096 EG	0.0012 J+	0.0018 J+	0.00017 J	3.2E-05 J	0.00015	0.0047	0.0082	0.0021	--	--	--	0.0052 EG	0.0041	0.0079	0.00078	0.041	0.00015
2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146)	mg/Kg		0.0067 EG	0.001 J+	0.0013 J+	0.00013 J	2.5E-05 J	0.00012	0.0037	0.0063	0.0016	--	--	--	0.0035 G	0.0025	0.0061	0.00063	0.018	0.00013
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB 186)	mg/Kg		9.7E-05	3.6E-05 J	8.3E-06 J	8.8E-06 U	9.1E-07 U	3.1E-07 J	6.4E-06 U	4.3E-06 U	3.2E-05 J	--	--	--	2.7E-06 U	2E-05 U	1.6E-05 U	4.6E-06 U	4.8E-05 U	1.3E-06 U
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	mg/Kg		0.00035	0.00016	3E-05 J	9.2E-06 U	1.3E-06 U	3.5E-06 J	1.1E-05 J	2.9E-05 J	0.00014 J	--	--	--	2.1E-06 U	2.6E-05 U	1.7E-05 U	5.6E-06 Jq	6.2E-05 U	6.4E-06 J
2,2',3,4,5,6-Hexachlorobiphenyl (PCB 142)	mg/Kg		0.00019 UG	5.5E-05 UJ+	5.3E-05 UJ+	2.1E-05 U	1.9E-06 U	3.8E-06 U	0.00011 U	0.0002 U	0.00016 U	--	--	--	9E-05 UG	0.00016 U	0.0003 U	2.4E-05 U	0.00072 U	4.8E-06 U
2,2',3,4,5',6-Hexachlorobiphenyl (PCB 144)	mg/Kg		0.002 G	0.00022 J+	0.00028 J+	3E-05 Jq	5.4E-06 J	2.5E-05 J	0.00083	0.0015	0.00045	--	--	--	0.0013 G	0.0009	0.0019 J	0.00014 J	0.0064	4.2E-05
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB 148)	mg/Kg		0.00017 UG	6.3E-05 J+	4.7E-05 UJ+	1.9E-05 U	1.7E-06 U	3.4E-06 U	0.0001 U	0.00018 U	0.00014 U	--	--	--	8E-05 UG	0.00014 U	0.00027 U	2.1E-05 U	0.00064 U	4.3E-06 U
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB 145)	mg/Kg		0.00012 UG	3.6E-05 U	3.4E-05 U	1.3E-05 U	1.2E-06 U	2.4E-06 U	7.3E-05 U	0.00013 U	0.0001 U	--	--	--	5.8E-05 UG	0.0001 U	0.0002 U	1.6E-05 U	0.00046 U	3.1E-06 U
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB 150)	mg/Kg		0.00011 UG	3.3E-05 U	3.2E-05 U	1.3E-05 U	1.2E-06 U	2.3E-06 U	6.8E-05 U	0.00012 U	9.4E-05 U	--	--	--	5.4E-05 UG	9.5E-05 U	0.00018 U	1.4E-05 U	0.00043 U	2.9E-06 U
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)	mg/Kg		0.00064 UG	0.00013 UJ+	0.00012 UJ+	3.1E-05 U	4.8E-06 U	1.4E-05 U	0.0006 UG	0.0007 UG	0.00016 U	--	--	--	0.00013 UG	0.00028 U	0.00047 U	9.4E-05 U	0.00074 U	7.5E-06 U
2,2',3,4-Tetrachlorobiphenyl (PCB 41)	mg/Kg		0.00016 G	3E-05 J	8.8E-06 J	1.4E-05 U	1.6E-06 U	7.4E-07 U	2.6E-05 U	7.3E-05 J	5.3E-05 Jq	--	--	--	2.4E-05 Jq	2.7E-05 U	2.1E-05 U	6.8E-06 U	2.6E-05 U	4.4E-06 J
2,2',3,4'-Tetrachlorobiphenyl (PCB 42)	mg/Kg		0.001	0.0001	8.3E-05	1.3E-05 Jq	4.7E-06 J	9.3E-06 J	0.00036 J	0.00062	0.00028 J	--	--	--	8.6E-05	0.00012 J	0.00037 J	6.8E-05 J	0.00023 J	1.4E-05 Jq
2,2',3,5,5'-Pentachlorobiphenyl (PCB 92)	mg/Kg		0.0083 EG	0.00095 J+	0.001 J+	0.00015 J	2.1E-05 Jq	0.00011	0.0051 G	0.0083 G	0.002	--	--	--	0.0012 G	0.0025	0.0083	0.001	0.0056	6.5E-05
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	mg/Kg		0.00012 UG	3.4E-05 U	3.3E-05 U	1.3E-05 U	1.2E-06 U	2.3E-06 U	7E-05 U	0.00012 U	9.6E-05 U	--	--	--	5.5E-05 UEG	9.8E-05 U	0.00019 U	1.5E-05 U	0.00044 U	3E-06 U
2,2',3,5,6'-Pentachlorobiphenyl (PCB 94)	mg/Kg		0.0006 UG	0.00012 UJ+	0.00011 UJ+	2.9E-05 U	4.5E-06 U	1.3E-05 U	0.00057 UG	0.00066 UG	0.00015 U	--	--	--	0.00013 UG	0.00027 U	0.00045 U	8.9E-05 U	0.0007 U	7.1E-06 U
2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	mg/Kg		0.035 EBG	0.0028 J+	0.0045 J	0.00053 B	8.1E-05 B	0.00036	0.019 BG	0.033 GB	0.0083	--	--	--	0.0065 EBG	0.013 B	0.039 B	0.0035 B	0.023 B	0.00038 B
2,2',3,5-Tetrachlorobiphenyl (PCB 43)	mg/Kg		0.00016	3.4E-06 U	1E-05 J	1.3E-05 U	1.4E-06 U	6.5E-07 U	2.3E-05 U	6.4E-05 J	4.4E-05 J	--	--	--	9.7E-06 J	2.4E-05 U	1.8E-05 U	6E-06 U	2.3E-05 U	6.8E-07 U
2,2',3,6,6'-Pentachlorobiphenyl (PCB 96)	mg/Kg		0.00015	1.2E-05 J	2.4E-05 J	7E-06 U	7.5E-07 U	9.1E-07 J	5.1E-05 J	0.00011 J	5.2E-05 J	--	--	--	3.2E-05 J	5.1E-05 Jq	0.00023 J	1.4E-05 Jq	5.4E-05 Jq	4.1E-06 J
2,2',3,6-Tetrachlorobiphenyl (PCB 45)	mg/Kg		0.00029	2.6E-05 J	3.1E-06 U	1.2E-05 U	1.4E-06 U	3.2E-06 J	2.3E-05 U	0.00011 J	0.00013 Jq	--	--	--	4.8E-05	8.3E-05 J	0.00032 J	5.9E-06 U	0.00012 J	5.9E-06 Jq
2,2',3,6'-Tetrachlorobiphenyl (PCB 46)	mg/Kg		0.00012	1.2E-05 J	3.3E-06 U	1.3E-05 U	1.4E-06 U	6.8E-07 U	2.4E-05 U	4E-05 J	7.3E-05 J	--	--	--	2.2E-05 J	3.4E-05 Jq	0.00016 J	6.2E-06 U	6.3E-05 J	3.6E-06 J
2,2',3-Trichlorobiphenyl (PCB 16)	mg/Kg		0.0002	3.7E-05 J	9.8E-06 J	3.3E-05 U	2.9E-06 U	5.4E-06 J	4.9E-05 J	7E-05 J	7.5E-05 J	--	--	--	5.5E-05	5.7E-05 J	8.7E-05 J	5.3E-06 U	3.3E-05 U	1.5E-05 J
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	mg/Kg		0.00042 G	0.0001 J+	7E-05 J+	1.7E-05 U	1.5E-06 U	3E-06 U	0.00017 J	0.00031 J	0.00012 U	--	--	--	7.1E-05 UG	0.00013 U	0.00024 U	4.2E-05 J	0.00057 U	8.5E-06 Jq
2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	mg/Kg		0.027 EG	0.0035 J+	0.0034 J+	0.00047 B	7.2E-05 B	0.0003	0.018 BG	0.031 GB	0.0054	--	--	--	0.0017 G	0.0043	0.011	0.0037	0.0095	0.00014
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	mg/Kg		0.00013 UG	4.7E-05 UJ+	3.4E-05 U	1.4E-05 U	1.9E-06 U	3.4E-06 U	8.1E-05 U	0.00016 U	0.00011 U	--	--	--	3.8E-05 U	0.00013 U	0.00023 U	2E-05 U	0.00056 U	2.1E-06 U
2,2',4,5',6-Pentachlorobiphenyl (PCB 103)	mg/Kg		0.00053 UG	0.00011 UJ+	9.7E-05 UJ+	2.6E-05 U	3.9E-06 U	1.1E-05 U	0.0005 UG	0.00058 UG	0.00013 U	--	--	--	0.00011 UG	0.00023 U	0.00039 U	7.8E-05 U	0.00061 U	6.2E-06 U
2,2',4,5-Tetrachlorobiphenyl (PCB 48)	mg/Kg		0.0006	5.2E-05	4.1E-05	1.1E-05 U	1.2E-06 U	5E-06 J	0.00017 J	0.0003 J	0.00014 J	--	--	--	5.5E-05	8.1E-05 J	0.00018 J	2.6E-05 Jq	8.7E-05 J	1.2E-05 J
2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	mg/Kg		2.9E-05 J	1.2E-05 J	1.9E-06 J	7.3E-06 U	9.8E-07 U	2.5E-07 U	4.8E-06 U	3.3E-06 U	5.6E-06 U	--	--	--	1.4E-06 J	1.9E-05 U	9.6E-06 U	4.3E-06 U	2.5E-05 U	6.7E-07 J
2,2',4,6'-Tetrachlorobiphenyl (PCB 51)	mg/Kg		9.4E-05	9E-06 J	2.6E-06 U	1E-05 U	1.1E-06 U	1E-06 J	1.9E-05 U	2.9E-05 J	3E-05 JBq	--	--	--	1.6E-05 J	2E-05 U	7.7E-05 Jq	4.9E-06 U	3.6E-05 Jq	3.4E-06 Jq
2,2',4-Trichlorobiphenyl (PCB 17)	mg/Kg		0.00017 B	3.6E-05 J	8E-06 J	2.3E-05 U	2.1E-06 U	3.4E-06 J	3.6E-05 J	4.5E-05 J	7E-05 J	--	--	--	3.4E-05 J	4.3E-05 J	7.8E-05 Jq	3.7E-06 U	2.3E-05 U	1E-05 J

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea
		Location	P-B-12	P-B-2	P-B-3	P-B-4	P-B-5	P-B-6	P-B-7	P-B-7	PA-SS-1	PA-SS-10	PA-SS-10	PA-SS-11	PA-SS-2	PA-SS-2	PA-SS-3	PA-SS-4	PA-SS-5	PA-SS-6
		Sample Name	P-B-12_SHALLOW	P-B-2_SS	P-B-3_SS	P-B-4_SS	P-B-5_SS	P-B-6_SS	P-B-7_SS	P-B-7_SS DUP	PA-SS-1_SS	PA-SS-10_SS	PA-SS-10_SS DUP	PA-SS-11_SS	PA-SS-2_SS	PA-SS-2_SS DUP	PA-SS-3_SS	PA-SS-4_SS	PA-SS-5_SS	PA-SS-6_SS
		Start Depth	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/5/2013	11/18/2013	11/18/2013	12/3/2013	12/2/2013	11/15/2013	12/2/2013	12/2/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013
		Parent Sample								P-B-7_SS_12/02/13			PA-SS-10_SS_12/13/13			PA-SS-2_SS_12/13/13				
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																		
2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	mg/Kg		0.029 EB	0.0016	0.0029	0.00028 JB	3.6E-05 JB	0.00018	0.015 B	0.026 B	0.0059 B	--	--	--	0.0017 B	0.0053 B	0.0096 B	0.0025 B	0.0053 B	0.00015 B
2,2',6,6'-Tetrachlorobiphenyl (PCB 54)	mg/Kg		1.1E-05 J	3.5E-06 J	5.8E-07 J	1.1E-05 U	1.4E-06 U	8.5E-07 U	7.2E-06 U	3.1E-06 U	7.4E-06 U	--	--	--	1.6E-06 J	2.4E-05 U	1.6E-05 U	6.9E-06 U	2.1E-05 U	4.9E-07 Jq
2,2',6-Trichlorobiphenyl (PCB 19)	mg/Kg		5.6E-05	1.1E-05 J	2.7E-06 J	2.5E-05 U	2.8E-06 U	2.3E-06 U	1.9E-05 U	1E-05 Jq	4.5E-05 J	--	--	--	1.3E-05 J	1.9E-05 U	3.9E-05 Jq	5.6E-06 U	3E-05 U	2.9E-06 Jq
2,2'-Dichlorobiphenyl (PCB 4)	mg/Kg		0.00018 q	5.7E-05	6E-06 U	0.00022 U	4.4E-05 UG	8.7E-06 U	0.00018 U	6.9E-05 U	0.0001 U	--	--	--	1.4E-05 Jq	6.7E-05 U	0.00023 U	2.4E-05 U	7.4E-05 U	5.8E-06 J
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	mg/Kg		0.0013	0.00054	0.00011	3.8E-05 Jq	2.9E-06 J	1.3E-05 J	4.5E-05 Jq	0.00011 J	0.00039 Jq	--	--	--	0.00037	0.00031 J	0.00011 Jq	6.6E-06 Jq	0.0014	1.7E-05 Jq
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/Kg		0.001 G	0.00035 J+	0.00014	2.7E-05 Jq	3.4E-06 J	1.5E-05	0.00025	0.00039	0.00025 q	--	--	--	0.00066 G	0.00048	0.00032	3.6E-05	0.0021	1.9E-05 G
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB 190)	mg/Kg		0.003	0.00058	0.00038	4E-05 Jq	7.9E-06 J	6.3E-05	0.00089	0.0014	0.00058	--	--	--	0.0024	0.0029	0.0014 J	0.00014 J	0.015	6.3E-05
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB 191)	mg/Kg		0.00084	0.00027	0.0001	1.9E-05 J	2.9E-06 J	1.4E-05 J	0.00017 J	0.00031 J	0.00016 Jq	--	--	--	0.00057	0.00065 J	0.00028 J	2.8E-05 Jq	0.0043	1.5E-05 Jq
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158)	mg/Kg		0.0061 EG	0.0012	0.0017	0.00016 J	3.3E-05 J	0.00014	0.0049	0.008	0.0016	--	--	--	0.003 G	0.0028	0.0061	0.00074	0.015	9.8E-05
2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/Kg		0.026 EG	0.0047 J	0.0068 J	0.00065	8.8E-05	0.00053 J+	0.024 G	0.038 G	0.0045 G	--	--	--	0.0014 G	0.0032 G	0.0081 G	0.0034 G	0.012 G	0.00013 G
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB 192)	mg/Kg		0.00019	0.00012	3.6E-06 U	9.4E-06 U	9.4E-07 U	7.4E-07 U	9.5E-06 U	8.4E-06 U	5.2E-05 Jq	--	--	--	1.9E-05 U	5.3E-05 U	2.4E-05 U	5.1E-06 U	0.00019 U	2.9E-06 U
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB 159)	mg/Kg		0.00045 G	0.00013	2E-05 U	1.1E-05 U	1.4E-06 U	5.1E-06 J	4.8E-05 U	7.1E-05 U	5.7E-05 J	--	--	--	0.00036	0.00037 J	0.00012 Jq	1.3E-05 U	0.004	9.9E-06 J
2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	mg/Kg		0.00054 G	0.00017	8.9E-05	1.1E-05 U	1.3E-06 U	1E-05 J	4.7E-05 U	0.0003 J	5.3E-05 J	--	--	--	0.00026	6.3E-05 U	0.00029 J	3.4E-05 J	0.00028 J	9.5E-06 J
2,3,3',4,5,6-Hexachlorobiphenyl (PCB 160)	mg/Kg		0.00015 UG	4.4E-05 UJ+	4.2E-05 UJ+	1.7E-05 U	1.5E-06 U	3E-06 U	8.9E-05 U	0.00016 U	0.00012 U	--	--	--	7.1E-05 UG	0.00013 U	0.00024 U	1.9E-05 U	0.00056 U	3.8E-06 U
2,3,3',4,5',6-Hexachlorobiphenyl (PCB 161)	mg/Kg		0.00013 UG	3.9E-05 J	3.7E-05 U	1.4E-05 U	1.3E-06 U	2.6E-06 U	7.8E-05 U	0.00014 U	0.00011 U	--	--	--	6.2E-05 UG	0.00011 U	0.00021 U	1.7E-05 U	0.00049 U	3.3E-06 U
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164)	mg/Kg		0.0039 G	0.00063	0.00092	6.5E-05 Jq	1.8E-05 J	7.7E-05	0.0024	0.0038	0.00091	--	--	--	0.0023 G	0.0018	0.0039	0.00038	0.012	6.9E-05
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)	mg/Kg		0.00051 UG	0.0001 UJ+	9.4E-05 UJ+	2.5E-05 U	3.8E-06 U	1.1E-05 U	0.00048 UG	0.00056 UG	0.00013 U	--	--	--	0.00011 UG	0.00023 U	0.00038 U	7.6E-05 U	0.00059 U	6E-06 U
2,3,3',4',5'-Pentachlorobiphenyl (PCB 122)	mg/Kg		0.00052 UG	0.00011 UJ+	0.00016 J+	2.5E-05 U	3.9E-06 U	1.1E-05 U	0.00049 UG	0.00058 G	0.00013 U	--	--	--	0.00011 UG	0.00023 U	0.00039 U	0.00013 J	0.00061 U	6.1E-06 U
2,3,3',4,6-Pentachlorobiphenyl (PCB 109)	mg/Kg		0.0033 G	0.00067 J+	0.00064 J+	8.4E-05 Jq	1.3E-05 J	6.4E-05	0.0027	0.0038 G	0.00064	--	--	--	0.00021 G	0.00054 J	0.0013 J	0.00044	0.0016	1.6E-05 J
2,3,3',4-Tetrachlorobiphenyl (PCB 55)	mg/Kg		0.00015 UG	3.5E-05 U	1.6E-05 U	1.7E-05 U	1.7E-06 U	2E-06 U	8.7E-05 U	8.4E-05 U	2.6E-05 U	--	--	--	7.4E-06 U	4.1E-05 U	0.00057 J	1.9E-05 U	8.4E-05 U	1.3E-06 U
2,3,3',4'-Tetrachlorobiphenyl (PCB 56)	mg/Kg		0.0035 G	0.00054	0.00037	8.1E-05 J	5.3E-06 J	4.8E-05	0.002	0.0028	0.00053	--	--	--	0.00019	0.00032 Jq	0.00091 J	0.00028	0.00064 J	2.1E-05 J
2,3,3',5,5',6-Hexachlorobiphenyl (PCB 165)	mg/Kg		0.00015 UG	4.4E-05 UJ+	4.2E-05 UJ+	1.7E-05 U	1.5E-06 U	3E-06 U	9E-05 U	0.00016 U	0.00012 U	--	--	--	7.1E-05 UG	0.00013 U	0.00024 U	1.9E-05 U	0.00057 U	3.8E-06 U
2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	mg/Kg		0.00042 UG	8.5E-05 UJ+	7.7E-05 UJ+	2E-05 U	3.1E-06 U	9E-06 U	0.00039 U	0.00046 UG	0.0001 U	--	--	--	8.7E-05 UG	0.00018 U	0.00031 U	6.1E-05 U	0.00048 U	4.9E-06 U
2,3,3',5,6-Pentachlorobiphenyl (PCB 112)	mg/Kg		0.0004 UG	8.2E-05 UJ+	7.4E-05 UJ+	1.9E-05 U	3E-06 U	8.7E-06 U	0.00038 U	0.00044 UG	0.0001 U	--	--	--	8.4E-05 UG	0.00018 U	0.0003 U	5.9E-05 U	0.00047 U	4.7E-06 U
2,3,3',5-Tetrachlorobiphenyl (PCB 57)	mg/Kg		0.00015 UG	3.5E-05 U	1.6E-05 U	1.7E-05 U	1.7E-06 U	2E-06 U	8.5E-05 U	8.3E-05 U	2.6E-05 U	--	--	--	7.3E-06 U	4E-05 U	0.0011 J	1.8E-05 U	8.3E-05 U	1.3E-06 U
2,3,3',5'-Tetrachlorobiphenyl (PCB 58)	mg/Kg		0.00015 UG	3.5E-05 U	1.6E-05 U	1.7E-05 U	1.7E-06 U	2E-06 U	8.6E-05 U	0.00085	2.6E-05 U	--	--	--	7.3E-06 U	4E-05 U	5.7E-05 U	1.8E-05 U	8.3E-05 U	1.3E-06 U
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/Kg		0.0029 G	0.00073 J+	0.00085 J+	8.7E-05	1.9E-05	7.8E-05	0.0024 G	0.0036 G	0.00069	--	--	--	0.00049 G	0.00074	0.002	0.00039	0.005 G	3.4E-05
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/Kg		0.0011 G	0.00022 J+	0.00023 J+	3.7E-05 J	3.6E-06 U	1.1E-05 J+	0.00071 G	0.0011 G	0.00022 G	--	--	--	0.00012 UG	0.00027 UG	0.00044 G	0.00013 G	0.0005 UG	7E-06 UG
2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/Kg		0.057 EBG	0.0086 J	0.012 J	0.0011 B	0.00016 B	0.00095 J+	0.05 EBG	0.07 EGB	0.01 BG	--	--	--	0.0033 BG	0.0084 GB	0.019 GB	0.0078 BG	0.019 GB	0.00028 BG
2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	mg/Kg		0.00077 G	0.00013 J+	0.00016 J+	2.4E-05 J	3.6E-06 U	1.2E-05 J+	0.00049 qG	0.00092 G	0.00012 UG	--	--	--	0.00011 UG	0.0002 UG	0.00037 UG	8.4E-05 qG	0.00058 UG	6.3E-06 UG
2,3,4,4',6-Pentachlorobiphenyl (PCB 115)	mg/Kg		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,4,4'-Tetrachlorobiphenyl (PCB 60)	mg/Kg		0.0016 G	0.00026	0.00017	4.1E-05 Jq	1.8E-06 U	2.6E-05 J	0.0011	0.0015	0.00028 J	--	--	--	9.7E-05	0.00019 J	0.00048 J	0.00014 J	0.00025 Jq	1.1E-05 J
2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	mg/Kg		0.0096 EBG	0.0013	0.0009	0.00018 J	1.6E-05 Jq	0.00011	0.0066	0.0092	0.0014 B	--	--	--	0.00041 B	0.00091 B	0.0013 JB	0.00094 B	0.0013 B	5.2E-05 B
2,3',4,5,5'-Pentachlorobiphenyl (PCB 120)	mg/Kg		0.00044 UG	9.1E-05 UJ+	8.2E-05 UJ+	2.1E-05 U	3.3E-06 U	9.6E-06 U	0.00042 UG	0.00049 UG	0.00011 U	--	--	--	9.2E-05 UG	0.0002 U	0.00033 U	6.5E-05 U	0.00051 U	5.2E-06 U
2,3',4,5',6-Pentachlorobiphenyl (PCB 121)	mg/Kg		0.00041 UG	8.5E-05 UJ+	7.7E-05 UJ+	2E-05 U	3.1E-06 U	9E-06 U	0.00039 U	0.00046 UG	0.0001 U	--	--	--	8.7E-05 UG	0.00018 U	0.00031 U	6.1E-05 U	0.00048 U	4.9E-06 U
2,3,4',5-Tetrachlorobiphenyl (PCB 63)	mg/Kg		0.00035 G	5.8E-05	2.9E-05 J	1.6E-05 U	1.6E-06 U	3.5E-06 J	0.0002 J	0.00025 J	5.4E-05 J	--	--	--	1.4E-05 J	3.7E-05 U	7.2E-05 J	2.3E-05 Jq	7.8E-05 U	1.9E-06 Jq
2,3',4,5-Tetrachlorobiphenyl (PCB 67)	mg/Kg		0.00018 G	4.8E-05	1.5E-05 U	1.6E-05 U	1.6E-06 U	1.8E-06 U	8E-05 U	7.7E-05 U	2.4E-05 U	--	--	--	8.5E-06 J	3.7E-05 U	5.2E-05 U	1.7E-05 U	7.7E-05 U	1.7E-06 Jq
2,3',4,5'-Tetrachlorobiphenyl (PCB 68)	mg/Kg		0.00013 UG	4E-05 J	1.4E-05 U	1.5E-05 U	1.5E-06 U	1.8E-06 U	7.6E-05 U	7.4E-05 U	2.3E-05 U	--	--	--	6.5E-06 U	3.6E-05 U	5E-05 U	1.6E-05 U	7.4E-05 U	1.3E-06 J
2,3,4',6-Tetrachlorobiphenyl (PCB 64)	mg/Kg		0.0034 B	0.00032	0.00034	6.4E-05 J	1.1E-05 J	3.5E-05 J	0.0019	0.0032	0.0011 B	--	--	--	0.00034	0.0006 J	0.0011 J	0.00032	0.00096	3.4E-05 J
2,3,4'-Trichlorobiphenyl (PCB 22)	mg/Kg		0.00046 G	9.8E-05	2.2E-05 J	2.5E-05 J	1.5E-06 U	1.3E-05 J	0.0002 J	0.00027 J	0.00013 J	--	--	--	8.4E-05	0.0001 J	0.00014 Jq	6.2E-06 J	7.5E-05 Jq	2E-05 J
2,3',4-Trichlorobiphenyl (PCB 25)	mg/Kg		0.00016 G	4.2E-05	7.4E-06 J	1.4E-05 U	1.4E-06 U	1.9E-06 J	1.6E-05 Jq	4.1E-05 J	3.6E-05 J	--	--	--	1.1E-05 J	1.6E-05 U	3E-05 J	4.6E-06 U	1.8E-05 U	4.1E-06 J
2,3',5,5'-Tetrachlorobiphenyl (PCB 72)	mg/Kg		0.00015 UG	4.7E-05	1.5E-05 U	1.7E-05 U	1.6E-06 U	1.9E-06 U	8.2E-05 U	8E-05 U	2.5E-05 U	--	--	--	7E-06 U	3.9E-05 U	5.4E-05 U	1.8E-05 U	8E-05 U	1.2E-06 U
2,3',5',6-Tetrachlorobiphenyl (PCB 73)	mg/Kg		5.3E-05	2.4E-06 U	4.1E-06 J	8.7E-06 U	9.5E-07 U	4.5E-07 U	1.6E-05 U	3.6E-05 J	1E-05 U	--	--	--	1.4E-06 U	1.7E-05 U	1.3E-05 U	4.1E-06 U	1.6E-05 U	4.7E-07 U
2,3,5-Trichlorobiphenyl (PCB 23)	mg/Kg		4.1E-05 U	2.3E-05 J	4.1E-06 U	1.4E-05 U	1.3E-06 U	8.2E-07 U	1.4E-05 U	1.6E-05 U	1.3E-05 U	--	--	--	2.2E-06 U	1.6E-05 U	2.1E-05 U	4.5E-06 U	1.7E-05 U	1.3E-06 U
2,3',5'-Trichlorobiphenyl (PCB 34)	mg/Kg		4.8E-05 G	2.4E-05 J	4.3E-06 U	1.4E-05 U	1.4E-06 U	8.6E-07 U	1.4E-05 U	1.7E-05 U	1.4E-05 U	--	--	--	2.3E-06 U	1.6E-05 U	2.1E-05 U	4.7E-06 U	1.8E-05 U	1.4E-06 U
2,3,6-Trichlorobiphenyl (PCB 24)	mg/Kg		3.8E-05 J	1.3E-05 J	1.3E-06 J	1.7E-05 U	1.5E-06 U	1.2E-06 U	1E-05 U	3.1E-06 U	1.1E-05 J	--	--	--	1.3E-06 J	1.1E-05 U	1.7E-05 U	2.7E-06 U	1.7E-05 U	5.3E-07 U
2,3',6-Trichlorobiphenyl (PCB 27)	mg/Kg		4.9E-05	1.2E-05 J	2.2E-06 J	1.7E-05 U	1.5E-06 U	1.3E-06 U	1E-05 U	1E-05 Jq	1.8E-05 Jq	--	--	--	7.1E-06 J	1.1E-05 U	1.7E-05 U	2.8E-06 U	1.7E-05 U	2E-06 J
2,3-Dichlorobiphenyl (PCB 5)	mg/Kg		2.9E-05 J	1.3E-05 J	3.8E-06 U	0.00019 U	7.8E-06 U	6E-06 U	0.00012 U	4.1E-05 U	0.00012 U	--	--	--	3.4E-06 J	7.7E-05 U	0.00019 U	3.4E-05 U	6.7E-05 U	1.6E-06 U
2,3'-Dichlorobiphenyl (PCB 6)	mg/Kg		0.00015	7.1E-05	1.1E-05 J	0.0002 U	7.8E-06 U	9.3E-06 J	0.00012 U	0.00011 J	0.00013 U	--	--	--	1.1E-05 J	7.8E-05 U	0.00019 U	3.5E-05 U	6.7E-05 U	5.4E-06 J
2,4',5-Trichlorobiphenyl (PCB 31)	mg/Kg		0.0013 B	0.00021	5.9E-05	4.5E-05 JqB	4.7E-06 JqB	2.4E-05 J	0.00065 B	0.00087 B	0.00036 JB	--	--	--	0.00015 B	0.00019 JB	0.00051 JB	3.7E-05 JB	0.00023 JB	1.8E-05 JBq
2,4',6-Trichlorobiphenyl (PCB 32)	mg/Kg		0.00014	2.1E-05 J	6.4E-06 J	1.3E-05 U	1.2E-06 U	3E-06 J	3.5E-05 J	4.8E-05 J	7.5E-05 J	--	--	--	2.2E-05 J	3.2E-05 J	6.7E-05 J	2.2E-06 U	3E-05 Jq	6.1E-06 J
2,4-Dichlorobiphenyl (PCB 7)	mg/Kg		1.9E-05 J	2E-05 J	3.6E-06 U	0.00018 U	7.3E-06 U	5.7E-06 U	0.00011 U	3.8E-05 U	0.00012 U	--	--	--	1.7E-06 J	7.2E-05 U	0.00018 U	3.2E-05 U	6.2E-05 U	1.5E-06 U
2,4'-Dichlorobiphenyl (PCB 8)	mg/Kg		0.00037	0.00016	2.3E-05 J	0.00019 U	7.6E-06 U	1.6E-05 J	0.00017 J	0.0002 J	0.00014 J	--	--	--	5.1E-05	7.6E-05 U	0.00038 J	3.4E-05 U	6.5E-05 U	2E-05 J
2,5-Dichlorobiphenyl (PCB 9)	mg/Kg		2.9E-05 J	3.3E-05 J	5.1E-06 J	0.00021 U	8.3E-06 U	6.4E-06 U	0.00012 U	4.3E-05 U	0.00013 U	--	--	--	3.4E-06 J	8.2E-05 U	0.0002 U	3.6E-05 U	7.1E-05 U	1.8E-06 Jq
2,6-Dichlorobiphenyl (PCB 10)	mg/Kg		1.8E-05 U	2.8E-06 U	4E-06 U	0.00015 U	2.6E-05 U	4.3E-06 U	0.0001 U	5E-05 U	5.7E-05 U	--	--	--	7.4E-07 U	3.8E-05 U	0.00014 U	1.3E-05 U	4.7E-05 U	1.5E-06 U
2-Chlorobiphenyl (PCB 1)	mg/Kg		9.6E-05 B	0.00017	1.4E-05 J	9.3E-05 JB	3.5E-06 JqB	9.3E-06 J	6.9E-05 JB	0.00011 JB	8.1E-05 JB	--	--	--	1.1E-05 JB	7E-06 U	0.0003 JB	4.4E-06 JBq	3.1E-05 JqB	8.2E-06 JB
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/Kg		0.00012 qG	5.2E-05 J+	2.5E-05 UJ+	1.3E-05 U	1.4E-06 U	2E-06 U	5.3E-05 UG	8.1E-05 UG	3.5E-05 U	--	--	--	3E-05 UG	7E-05 U	5.5E-05 U	1.4E-05 U	0.00022 UG	3.5E-06 U
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/Kg		0.0006 UG	0.00028 J+	0.00039 J+	3.1E-05 U	7.1E-06	2.7E-05 J+	0.00055 UG	0.00059 UG	0.00014 UG	--	--	--	0.00018 UG	0.00026 UG	0.00044 UG	0.00014 qG	0.00067 UG	1.1E-05 UG
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/Kg		0.00085 G	0.00071 J+	0.0011 J+	7.5E-05	2.1E-05	9.2E-05	0.0006 G	0.0013 G	0.00022	--	--	--	6.5E-05 G	7.9E-05 J	0.00038	0.00063	0.00043	2.1E-05
3,3',4,5,5'-Pentachlorobiphenyl (PCB 127)	mg/Kg		0.00051 UG	0.0001 UJ+	9.4E-05 UJ+	2.5E-05 U	3.8E-06 U	1.1E-05 U	0.00048 UG	0.00056 UG	0.00013 U	--	--	--	0.00011 UG	0.00023 U	0.00038 U	7.5E-05 U	0.00059 U	6E-06 U
3,3',4,5-Tetrachlorobiphenyl (PCB 78)	mg/Kg		0.00017 UG	5.8E-05	4.5E-05	1.9E-05 U	1.9E-06 U	2.2E-06 U	9.7E-05 U	0.00027 J	2.9E-05 U	--	--	--	8.3E-06 U	4.5E-05 U	6.4E-05 U	2.1E-05 U	9.4E-05 U	1.5E-06 U
3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	mg/Kg		0.0011 G	0.00025	0.00023	1.7E-05 U	1.7E-06 U	2.2E-05 J	0.00049 q	0.0003 J	0.00026 J	--	--	--	7.9E-05	0.0004 J	0.00048 J	0.00021	0.00097	5E-06 J
3,3',4-Trichlorobiphenyl (PCB 35)	mg/Kg		0.00028 G	0.00018	6.1E-05	1.6E-05 U	1.6E-06 U	7.3E-06 J	2.6E-05 J	5.4E-05 J	6.2E-05 J	--	--	--	9.2E-06 J	1.9E-05 U	2.5E-05 U	5.6E-06 Jq	2.1E-05 U	1.4E-05 J
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)	mg/Kg		0.00014 UG	3.5E-05 J	1.5E-05 U	1.6E-05 U	1.6E-06 U	1.8E-06 U	8E-05 U	7.8E-05 U	2.4E-05 U	--	--	--	6.8E-06 U	3.8E-05 U	5.3E-05 U	1.7E-05 U	7.8E-05 U	1.2E-06 U

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea	ProcessArea
		Location	P-B-12	P-B-2	P-B-3	P-B-4	P-B-5	P-B-6	P-B-7	P-B-7	PA-SS-1	PA-SS-10	PA-SS-10	PA-SS-11	PA-SS-2	PA-SS-2	PA-SS-3	PA-SS-4	PA-SS-5	PA-SS-6
		Sample Name	P-B-12_SHALLOW	P-B-2_SS	P-B-3_SS	P-B-4_SS	P-B-5_SS	P-B-6_SS	P-B-7_SS	P-B-7_SS DUP	PA-SS-1_SS	PA-SS-10_SS	PA-SS-10_SS DUP	PA-SS-11_SS	PA-SS-2_SS	PA-SS-2_SS DUP	PA-SS-3_SS	PA-SS-4_SS	PA-SS-5_SS	PA-SS-6_SS
		Start Depth	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		End Depth	23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/5/2013	11/18/2013	11/18/2013	12/3/2013	12/2/2013	11/15/2013	12/2/2013	12/2/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013	12/13/2013
		Parent Sample								P-B-7_SS_12/02/13			PA-SS-10_SS_12/13/13			PA-SS-2_SS_12/13/13				
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																		
3,3',5-Trichlorobiphenyl (PCB 36)	mg/Kg		0.00016 G	3.6E-05 J	4.9E-06 J	1.4E-05 U	1.4E-06 U	8.7E-07 U	1.4E-05 U	0.0001 J	1.4E-05 U	--	--	--	2.3E-06 U	1.7E-05 U	2.8E-05 Jq	4.7E-06 U	1.8E-05 U	1.4E-06 U
3,3'-Dichlorobiphenyl (PCB 11)	mg/Kg		0.0002	0.00034	6.6E-05	0.0002 U	8.1E-06 U	2.5E-05 J	0.00012 U	6.3E-05 J	0.00013 U	--	--	--	4.1E-05 JB	8E-05 U	0.0002 U	3.6E-05 U	6.9E-05 U	5.8E-05 B
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/Kg		0.00016 UG	5.3E-05 J+	2.5E-05 J+	2E-05 U	1.8E-06 U	2.4E-06 J	9.3E-05 UG	9.9E-05 UG	2.9E-05 U	--	--	--	1E-05 UG	4.2E-05 U	6.8E-05 U	1.8E-05 U	0.0001 UG	2E-06 U
3,4,4'-Trichlorobiphenyl (PCB 37)	mg/Kg		0.00097 G	0.00033	0.00011	8.3E-05 J	6.9E-06 J	4.1E-05 J	0.00052	0.0011	0.0002 J	--	--	--	0.00011	0.00012 J	0.00089 J	5.1E-05 J	0.00018 J	2.6E-05 J
3,4,5-Trichlorobiphenyl (PCB 38)	mg/Kg		4.7E-05 UG	3.8E-05 J	4.6E-06 U	1.5E-05 U	1.5E-06 U	9.4E-07 U	1.5E-05 U	1.8E-05 U	1.5E-05 U	--	--	--	2.5E-06 U	1.8E-05 U	2.3E-05 U	5.1E-06 U	1.9E-05 U	1.5E-06 U
3,4',5-Trichlorobiphenyl (PCB 39)	mg/Kg		0.0002 G	8.9E-05	8.3E-06 J	1.4E-05 U	1.4E-06 U	8.8E-07 U	1.4E-05 U	1.7E-05 U	1.4E-05 U	--	--	--	2.3E-06 U	1.7E-05 U	2.2E-05 U	4.8E-06 U	1.8E-05 U	1.4E-06 U
3,5-Dichlorobiphenyl (PCB 14)	mg/Kg		3.1E-05 J	2E-05 J	3.3E-06 U	0.00017 U	6.8E-06 U	5.2E-06 U	0.0001 U	3.6E-05 U	0.00011 U	--	--	--	1.2E-06 U	6.7E-05 U	0.00017 U	3E-05 U	5.8E-05 U	1.4E-06 U
3-Chlorobiphenyl (PCB 2)	mg/Kg		8.9E-05	8.3E-05	1.2E-05 J	7.1E-05 JB	9.4E-07 U	5.4E-06 J	7.5E-05 JB	0.00011 JB	9.3E-05 J	--	--	--	1.3E-05 J	7E-06 U	0.0002 J	2.4E-06 U	9.3E-06 U	1.2E-05 J
4,4'-Dichlorobiphenyl (PCB 15)	mg/Kg		0.0012	0.00033	7.2E-05	0.00022 J	7.9E-06 U	2.5E-05 J	0.00033 J	0.00058	0.00028 Jq	--	--	--	0.00011	7.7E-05 U	0.005	3.4E-05 U	7.1E-05 U	2.4E-05 J
4-Chlorobiphenyl (PCB 3)	mg/Kg		0.00021	9.8E-05	2.5E-05 J	0.00013 JB	2.1E-06 JB	4.9E-06 J	7.4E-05 JB	0.00011 JB	0.00022 JB	--	--	--	3.4E-05 JB	1.6E-05 JqB	0.0024 B	3.3E-06 JBq	9.5E-06 U	1.4E-05 JB
Decachlorobiphenyl (PCB 209)	mg/Kg		0.51 EB	0.076 J	0.018 J	0.03 B	0.00047 B	0.0026	0.058 EB	0.14 EB	0.075 EB	--	--	--	0.085 B	0.055 B	0.095 B	0.019 B	0.075 B	0.053 B
PCB 107/124	mg/Kg		0.0019 G	0.00043 J+	0.00037 J+	5.9E-05 Jq	7.3E-06 J	3.7E-05 J	0.0016	0.0024	0.00036 J	--	--	--	0.00011 G	0.00034 J	0.00075 J	0.00025 Jq	0.0011 J	9.3E-06 J
PCB 110/115	mg/Kg		0.064 EBG	0.011 J	0.012 J	0.0014 B	0.00029 B	0.0012	0.051 B	0.081 B	0.016 B	--	--	--	0.01 EBG	0.018 B	0.061 B	0.0086 B	0.051 B	0.00061 B
PCB 12/13	mg/Kg		0.00043	0.00017	2.6E-05 J	0.0002 U	8.2E-06 U	1.8E-05 J	0.00012 U	0.00019 J	0.00013 U	--	--	--	1.5E-05 J	8.1E-05 U	0.0002 U	3.6E-05 U	7E-05 U	1E-05 J
PCB 128/166	mg/Kg		0.0098 EG	0.002	0.0033	0.00025 J	6.8E-05 J	0.00026	0.0088	0.014	0.0023	--	--	--	0.0031	0.0032	0.011	0.0012	0.013	0.00014
PCB 129/138/163	mg/Kg		0.059 EBG	0.0093	0.017 J	0.0013 B	0.00029 B	0.0013	0.045 B	0.072 B	0.014 B	--	--	--	0.028 EB	0.025 B	0.06 B	0.0068 B	0.19 B	0.0009 B
PCB 134/143	mg/Kg		0.0023 G	0.00031	0.00047	2.2E-05 U	9.8E-06 J	3.6E-05 J	0.0014	0.0026	0.00064 J	--	--	--	0.0012 G	0.0008 J	0.0023 J	0.00024 J	0.0038	3.5E-05 J
PCB 135/151	mg/Kg		0.012 EG	0.0011	0.0015	0.00014 Jq	2.7E-05 J	0.00014	0.0047	0.0079	0.0025	--	--	--	0.0082	0.0054	0.01	0.00083	0.041	0.00029
PCB 139/140	mg/Kg		0.001 G	0.00017	0.00016	1.8E-05 U	3.5E-06 Jq	1.4E-05 J	0.00058 J	0.001	0.00028 J	--	--	--	0.00018	0.00016 Jq	0.00098 J	0.00011 J	0.00062 U	1.6E-05 J
PCB 147/149	mg/Kg		0.033 EG	0.0034	0.0055	0.00055 JB	0.00011 B	0.00048	0.017 B	0.029 B	0.0069 B	--	--	--	0.022 EB	0.015 B	0.031 B	0.0028 B	0.12 B	0.00074 B
PCB 153/168	mg/Kg		0.04 EG	0.0053	0.0085 J	0.00081 JB	0.00016 B	0.00072	0.025 B	0.041 B	0.008 B	--	--	--	0.018 EB	0.014 B	0.03 B	0.004 B	0.18 BE	0.00064 B
PCB 156/157	mg/Kg		0.0093 EG	0.0019 J+	0.0026 J+	0.00026	5.3E-05	0.00023	0.0091	0.013	0.0023	--	--	--	0.0019 G	0.0029	0.0053	0.0011	0.014 G	9.4E-05
PCB 171/173	mg/Kg		0.005	0.00095	0.00061	0.00011 J	1.3E-05 J	7.9E-05 J	0.0013	0.0022	0.001	--	--	--	0.0044	0.004	0.0023 J	0.00027 J	0.034	0.0001
PCB 18/30	mg/Kg		0.00037 B	5.8E-05 J	2.2E-05 J	2.2E-05 Jq	1.8E-06 U	1.1E-05 J	0.0001 J	0.00015 J	0.00024 J	--	--	--	7.2E-05 J	0.0001 J	0.0002 J	9.8E-06 J	7.2E-05 J	2.3E-05 J
PCB 180/193	mg/Kg		0.03 E	0.0035	0.0032	0.00056 J	8.8E-05	0.00055	0.0072	0.012	0.0045 B	--	--	--	0.028 EB	0.029 B	0.012 B	0.0013 B	0.24 BE	0.00075 B
PCB 198/199	mg/Kg		0.011 E	0.0012	0.00047	0.00016 J	1.3E-05 J	8.2E-05 J	0.00058 J	0.0013	0.0031	--	--	--	0.0048	0.0038	0.0025 J	0.00011 J	0.023	0.00035
PCB 20/28	mg/Kg		0.0014 B	0.00026	6.1E-05 J	7.6E-05 JB	5.9E-06 JqB	3.3E-05 J	0.0006 JB	0.00093 B	0.00039 JB	--	--	--	0.00019 B	0.00023 JB	0.00078 JB	3.3E-05 JB	0.00024 JB	5E-05 JB
PCB 21/33	mg/Kg		0.00049 B	0.00019	2.3E-05 J	2.9E-05 JB	2.9E-06 JqB	9.9E-06 J	0.00019 JB	0.00022 JB	0.00018 JB	--	--	--	0.00012 B	0.00014 JB	0.00026 JB	8.6E-06 JBq	8.3E-05 JqB	2.9E-05 JB
PCB 26/29	mg/Kg		0.00027	8.3E-05 J	1.3E-05 J	1.4E-05 U	1.4E-06 U	4.7E-06 J	4.4E-05 Jq	8.7E-05 J	6.5E-05 J	--	--	--	2.6E-05 J	3.9E-05 Jq	7E-05 J	4.7E-06 J	3.8E-05 J	8E-06 J
PCB 40/71	mg/Kg		0.0022 B	0.00034	0.0002	5.1E-05 J	4.9E-06 Jq	1.8E-05 J	0.0008 J	0.0013	0.00061 J	--	--	--	0.00019	0.00031 J	0.001 J	0.00012 Jq	0.00063 J	2.9E-05 J
PCB 44/47/65	mg/Kg		0.011 B	0.00077	0.0011	0.00014 JB	1.7E-05 JB	6.9E-05 J	0.0051 B	0.0089 B	0.0024 B	--	--	--	0.00073 B	2E-05 U	0.0045 JB	0.00093 B	0.0018 JB	8.1E-05 JB
PCB 49/69	mg/Kg		0.0055 B	0.00035	0.00049	7.1E-05 J	7.9E-06 J	3.2E-05 J	0.0023	0.0042	0.001	--	--	--	0.00028 B	0.0008 JB	0.0014 JB	0.00047 B	0.00062 JB	3.7E-05 JB
PCB 50/53	mg/Kg		0.00057	4.1E-05 J	6E-05 J	1E-05 U	1.9E-06 J	3.8E-06 J	0.00016 J	0.00032 J	0.00023 J	--	--	--	7.2E-05 J	0.00015 J	0.00055 J	4.2E-05 J	0.00019 J	9.5E-06 J
PCB 59/62/75	mg/Kg		0.00048	0.00011 J	2.4E-05 J	1.4E-05 Jq	1.1E-06 Jq	3.2E-06 J	1.5E-05 U	0.00012 J	0.00011 Jq	--	--	--	2.9E-05 J	4.3E-05 J	0.00015 J	3.9E-06 U	6.7E-05 J	5.1E-06 J
PCB 61/70/74/76	mg/Kg		0.028 EB	0.003	0.0028	0.00043 JB	4.1E-05 JB	0.00023	0.019 B	0.025 B	0.0045 B	--	--	--	0.0012 B	0.0037 B	0.0072 JB	0.003 B	0.0031 JB	0.00013 JB
PCB 85/116/117	mg/Kg		0.0093 G	0.0015	0.0013	0.00017 Jq	3.2E-05 J	0.00014	0.0062	0.011	0.0019	--	--	--	0.00063	0.0015 J	0.0043 J	0.0011	0.0035	5.6E-05 J
PCB 86/87/97/109/119/125	mg/Kg		0.035 EG	0.0048	0.0054	0.00071 JB	0.0001 JB	0.00047	0.024 B	0.039 B	0.0082	--	--	--	0.0035	0.0076	0.027	0.0044	0.018	0.00022 J
PCB 88/91	mg/Kg		0.0054 G	0.00053 J+	0.00069 J+	7.8E-05 Jq	1.6E-05 J	5.4E-05 J	0.003	0.0053	0.0013	--	--	--	0.00066 G	0.0014 J	0.0055	0.00062	0.0024	6E-05 J
PCB 90/101/113	mg/Kg		0.052 EBG	0.0059	0.0069	0.00093 JB	0.00012 JB	0.00064	0.033 B	0.055 B	0.011	--	--	--	0.0047 B	0.011 B	0.025 B	0.006 B	0.033 B	0.00033 B
PCB 93/100	mg/Kg		0.00057 UG	0.00012 UJ+	0.00011 UJ+	2.8E-05 U	4.3E-06 U	1.2E-05 U	0.00054 U	0.00063 U	0.00014 U	--	--	--	0.00012 UG	0.00025 U	0.00042 U	8.4E-05 U	0.00066 U	6.7E-06 U
PCB 98/102	mg/Kg		0.00056 G	0.00012 J+	0.00011 J+	2.6E-05 U	4E-06 U	1.2E-05 U	0.0005 U	0.0008 J	0.00013 U	--	--	--	0.00011 UG	0.00027 J	0.00078 J	7.8E-05 U	0.00062 U	6.2E-06 U
Total Dichlorobiphenyl	mg/Kg		0.0026 q	0.0012 J+	0.0002 J	0.00022 J	4.4E-05 U	9.4E-05 J	0.00051 J	0.0011 J	0.00042 Jq	--	--	--	0.00025 JBq	8.2E-05 U	0.0054 JB	3.6E-05 U	7.4E-05 U	0.00013 JBq
Total Heptachlorobiphenyl	mg/Kg		0.1 q	0.014	0.011	0.0017 Jq	0.00029 Jq	0.0018 J+	0.025 q	0.042 q	0.017 Bq	--	--	--	0.098 B	0.089 qB	0.046 qB	0.0045 Bq	0.79 B	0.0028 Bq
Total Hexachlorobiphenyl	mg/Kg		0.23 Bq	0.033	0.052	0.0044 qB	0.00096 qB	0.0043 J+	0.15 B	0.24 B	0.051 B	--	--	--	0.11 B	0.09 qB	0.21 qB	0.023 Bq	0.72 B	0.004 Bq
Total Monochlorobiphenyl	mg/Kg		0.0004 JB	0.00035 J	5E-05 J	0.0003 JB	5.6E-06 JqB	2E-05 J	0.00022 JB	0.00032 JB	0.0004 JB	--	--	--	5.8E-05 JB	1.6E-05 JqB	0.0029 JB	7.7E-06 JBq	3.1E-05 JqB	3.4E-05 JB
Total Nonachlorobiphenyl	mg/Kg		0.047	0.012	0.0029	0.0021 J	6.9E-05 J	0.00032 J	0.0021 J	0.0054	0.015	--	--	--	0.0063	0.0051 J	0.0074 J	0.0016 J	0.014	0.0024
Total Octachlorobiphenyl	mg/Kg		0.039	0.007	0.0024	0.00097 Jq	6.4E-05 Jq	0.0004 J	0.0026 Jq	0.0053	0.011 q	--	--	--	0.02	0.019	0.0092 Jq	0.00057 Jq	0.1	0.0013 q
Total PCBs (Lab calculated)	mg/Kg	**0.83**	**1.4 Bq**	0.2 J+	0.16 J+	0.049 qB	0.0031 qB	0.016 J+	0.55 Bq	**0.93 qB**	0.27 Bq	--	--	--	0.36 Bq	0.35 qB	0.65 qB	0.1 Bq	**1.9 qB**	0.066 Bq
Total Pentachlorobiphenyl	mg/Kg		0.35 BG	0.049	0.059	0.0068 qB	0.0011 qB	0.0051	0.25 Bq	0.4 B	0.076 B	--	--	--	0.037 B	0.078 qB	0.23 B	0.044 Bq	0.19 qB	0.0025 B
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	**0.0027**	0.0011	--	--	7.4E-08	7.2E-07	--	2.7E-06	3.9E-06	0.00064	--	--	--	2.4E-07	4.8E-07	1.1E-06	1.4E-05	1.6E-06	1.9E-08
Total TEQ-Dioxin/Furan only	mg/Kg	**0.0027**	0.0011	--	0.00013	--	--	--	--	--	0.00064	--	--	--	--	--	--	--	--	--
Total TEQ-PCB Congener Only	mg/Kg		6.6E-06	3E-05 J	4E-05 J	7.4E-08	7.2E-07	2.8E-06 J	2.7E-06	3.9E-06	5.7E-07	--	--	--	2.4E-07	4.8E-07	1.1E-06	1.4E-05	1.6E-06	1.9E-08
Total Tetrachlorobiphenyl	mg/Kg		0.1 B	0.01 J+	0.011 J+	0.0014 JqB	0.00017 JqB	0.00089 J+	0.055 Bq	0.087 B	0.019 Bq	--	--	--	0.0057 Bq	0.013 qB	0.032 qB	0.0097 Bq	0.017 qB	0.00063 Bq
Total Trichlorobiphenyl	mg/Kg		0.0068 B	0.0018	0.00042	0.00028 JqB	2E-05 JqB	0.00016 J	0.0025 JBq	0.004 JqB	0.002 JBq	--	--	--	0.00091 B	0.001 JqB	0.0032 JqB	0.00016 JBq	0.00095 JqB	0.00023 JBq
Aroclor 1016	mg/Kg	23.6	--	--	--	--	--	--	--	--	--	0.0089 U	0.0098 U	0.009 U	--	--	--	--	--	--
Aroclor 1221	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	0.0089 U	0.0098 U	0.009 U	--	--	--	--	--	--
Aroclor 1232	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	0.0089 U	0.0098 U	0.009 U	--	--	--	--	--	--
Aroclor 1242	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	0.0089 U	0.0098 U	0.009 U	--	--	--	--	--	--
Aroclor 1248	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	0.0089 U	0.0098 U	0.009 U	--	--	--	--	--	--
Aroclor 1254	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	0.0056 U	0.0062 U	0.055	--	--	--	--	--	--
Aroclor 1260	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	0.0056 U	0.0062 U	0.053	--	--	--	--	--	--
Total PCBs (Lab calculated)	mg/Kg	0.83	--	--	--	--	--	--	--	--	--	0.0056 U	0.0062 U	0.11	--	--	--	--	--	--

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	ProcessArea	ProcessArea	ProcessArea	S17	S17	SW1	SW1	SW1	SW1
		Location	PA-SS-7	PA-SS-8	PA-SS-9	S17-SS-1	S17-SS-2	SW-B-1Comp	SW-B-1Comp	SW-B-2Comp	SW-B-3Comp
		Sample Name	PA-SS-7_SS	PA-SS-8_SS	PA-SS-9_SS	S17-SS-1_SS	S17-SS-2_SS	SW-1 1E	SW-1 Dup.	SW-1 2E	SW-1 3E
		Start Depth	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	5	5	5	5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/13/2013	12/13/2013	12/13/2013	11/21/2013	11/21/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
		Parent Sample							SW-1 1E_08/15/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**									
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	mg/Kg		0.00018	0.00013	--	--	0.0012	0.00887 J	0.0166 J	0.0406	0.00939
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	mg/Kg		0.00023	0.00017	--	--	0.0004	0.00249 J	0.00468 J	0.0101	0.00205
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)	mg/Kg		0.00013	0.0002	--	--	0.0013	0.00283 J	0.00522 J	0.0105	0.00287
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	mg/Kg		6.5E-05 q	6.4E-05	--	--	0.00012 Jq	0.000162	9.36E-05 U	0.00071	0.000173
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (PCB 196)	mg/Kg		0.00012 q	8.7E-05	--	--	0.00029 J	0.000608	0.00101	0.00302	0.000657
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/Kg		0.00047	0.00038	--	--	0.00064	0.000563	0.000932	0.00193	0.000527
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB 197)	mg/Kg		2.2E-05 Jq	3.5E-05 J	--	--	0.00018 J	0.000262	0.000283	0.000939	0.000239
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	mg/Kg		9E-05	0.0001	--	--	0.00089	0.00283 J	0.00596 J	0.0107	0.0026
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172)	mg/Kg		9E-05	6.7E-05	--	--	0.00011 Jq	8.48E-05 J	0.000144	0.000267	7.06E-05 J
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)	mg/Kg		3.9E-05 J	2E-05 J	--	--	5.3E-05 J	0.000184 U	0.000239 J+	0.000158 U	0.000169 U
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	mg/Kg		5.7E-05	4.3E-05	--	--	0.00017 J	0.000206	0.000397	0.000796	0.000213
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	mg/Kg		0.0006 B	0.00038	--	--	0.00054	0.000298	0.0004	0.000584	0.000182
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB 175)	mg/Kg		2.6E-05 Jq	1.2E-05 J	--	--	5.6E-05 J	4.22E-05 J	7.45E-05 J	0.00013	3.83E-05 J
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB 177)	mg/Kg		0.0003	0.00022	--	--	0.00028 J	0.000159	0.000187	0.000265	9.03E-05
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB 130)	mg/Kg		0.00011	4.7E-05	--	--	0.0002 J	8.18E-05 J	0.000179	0.000183	6.39E-05 J
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB 176)	mg/Kg		6.1E-05	2.7E-05 J	--	--	6.7E-05 J	7.02E-05 J	0.000108	0.000214	4.67E-05 J
2,2',3,3',4,6-Hexachlorobiphenyl (PCB 131)	mg/Kg		1.3E-05 U	4.5E-06 Jq	--	--	4.6E-05 U	9.19E-05 U	3.13E-05 J	2.63E-05 J	8.43E-05 U
2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132)	mg/Kg		0.00055	0.00021 B	--	--	0.00081	0.000407	0.000614	0.000548	0.000264
2,2',3,3',4-Pentachlorobiphenyl (PCB 82)	mg/Kg		4.1E-05 q	4.1E-05	--	--	0.00029 J	0.000119	0.000221	0.000192	0.000105 J+
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	mg/Kg		5.3E-05	3.5E-05 J	--	--	0.00011 J	0.000508	0.000804	0.00127	0.000203
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	mg/Kg		9.2E-05	5E-05	--	--	9.9E-05 J	8.35E-05 J	0.000118	0.000188	4.78E-05 J
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)	mg/Kg		2.6E-05 J	7.2E-06 J	--	--	4.3E-05 U	9.19E-05 U	3.83E-05 J	3.98E-05 J	8.43E-05 U
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB 179)	mg/Kg		0.00021	9.1E-05	--	--	0.00017 J	0.000126	0.00017	0.000267	7.56E-05 J
2,2',3,3',5-Pentachlorobiphenyl (PCB 83)	mg/Kg		2.3E-05 Jq	1.3E-05 J	--	--	6.9E-05 Jq	--	--	--	--
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136)	mg/Kg		0.0002	5.9E-05	--	--	0.00019 J	0.000123	0.000185	0.000177	8.15E-05 J
2,2',3,3',6-Pentachlorobiphenyl (PCB 84)	mg/Kg		0.00025	4.9E-05	--	--	0.00044	0.000192	0.00038	0.000293	0.000157
2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	mg/Kg		0.00018	0.00012	--	--	0.0003 J	0.00159 J	0.00267 J	0.00639	0.00131
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB 204)	mg/Kg		6.9E-06 Jq	5.5E-06 J	--	--	7.7E-05 J	7.77E-05 J	0.000134	0.000284	5.99E-05 J
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB 181)	mg/Kg		4.9E-06 U	1.4E-06 U	--	--	1.9E-05 J	9.19E-05 U	4.69E-05 J	8.89E-05	8.43E-05 U
2,2',3,4,4',5,6'-Heptachlorobiphenyl (PCB 182)	mg/Kg		5.7E-06 U	4.1E-06 J	--	--	2.5E-05 J	3.67E-05 J	4.82E-05 J	0.000135	3.19E-05 J
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	mg/Kg		0.00032 B	0.00019	--	--	0.0003 J	0.000663 J	0.00112 J	0.0029	0.000751
2,2',3,4,4',5-Hexachlorobiphenyl (PCB 137)	mg/Kg		4.8E-05	2.2E-05 J	--	--	0.00016 J	0.000143	0.00024 J+	0.000435	0.000127
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB 184)	mg/Kg		4.6E-06 U	4.9E-06 J	--	--	5E-05 J	2.87E-05 J	5.51E-05 J	0.000125	2.47E-05 J
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB 185)	mg/Kg		3.6E-05 J	4E-05 J	--	--	2.5E-05 J	0.000184 U	0.000187 U	0.000158 U	0.000169 U
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	mg/Kg		0.00058	0.00032	--	--	0.00056	0.000764	0.001	0.00149	0.000306
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	mg/Kg		0.00017	0.00016	--	--	0.00044	0.000305	0.000502	0.000536 J+	0.000234
2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146)	mg/Kg		0.00023	9.6E-05	--	--	0.00032 J	0.000174	0.000281	0.000394	0.000146
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB 186)	mg/Kg		4.3E-06 U	5.5E-07 U	--	--	4.6E-06 U	9.19E-05 U	1.05E-05 J	2.12E-05 J	8.43E-05 U
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	mg/Kg		3.6E-06 U	3.5E-06 J	--	--	2.4E-05 Jq	2.32E-05 J	4.14E-05 J	8.76E-05	1.47E-05 J
2,2',3,4,5,6-Hexachlorobiphenyl (PCB 142)	mg/Kg		1.2E-05 U	3.7E-06 U	--	--	4.3E-05 U	9.19E-05 U	2.65E-05 J	7.92E-05 U	8.43E-05 U
2,2',3,4,5',6-Hexachlorobiphenyl (PCB 144)	mg/Kg		4.6E-05	3E-05 J	--	--	8.7E-05 J	4.54E-05 J	9.41E-05	0.000119 J+	4E-05 J
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB 148)	mg/Kg		1.1E-05 U	3.3E-06 U	--	--	3.8E-05 U	9.19E-05 U	9.36E-05 U	2.44E-05 J	8.43E-05 U
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB 145)	mg/Kg		7.7E-06 U	2.4E-06 U	--	--	2.7E-05 U	9.19E-05 U	8.83E-06 J	2.07E-05 J	8.43E-05 U
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB 150)	mg/Kg		7.2E-06 U	2.2E-06 U	--	--	2.5E-05 U	1E-05 J	1.75E-05 J	4.14E-05 J	8.43E-05 U
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)	mg/Kg		2.2E-05 J	6.6E-06 U	--	--	4.9E-05 U	9.19E-05 U	9.36E-05 U	2.18E-05 J	8.43E-05 U
2,2',3,4-Tetrachlorobiphenyl (PCB 41)	mg/Kg		0.00064	9.8E-06 J	--	--	0.0002 J	--	--	--	--
2,2',3,4'-Tetrachlorobiphenyl (PCB 42)	mg/Kg		0.0012	2.5E-05 J	--	--	0.00042	2.54E-05 J	5.01E-05 J	9.87E-05	8.43E-05 U
2,2',3,5,5'-Pentachlorobiphenyl (PCB 92)	mg/Kg		8.9E-05	4.1E-05	--	--	0.00033 J	0.000179	0.000321	0.000296	0.000145
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	mg/Kg		7.4E-06 U	2.3E-06 U	--	--	2.6E-05 U	9.19E-05 U	8.68E-06 J	2.04E-05 J	8.43E-05 U
2,2',3,5,6'-Pentachlorobiphenyl (PCB 94)	mg/Kg		2.2E-05 J	6.3E-06 U	--	--	4.7E-05 U	9.19E-05 U	9.36E-05 U	1.35E-05 J	8.43E-05 U
2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	mg/Kg		0.00089	0.00018 B	--	--	0.0012 B	0.000652	0.00115 J+	0.000988	0.000577
2,2',3,5-Tetrachlorobiphenyl (PCB 43)	mg/Kg		0.0002	2.9E-06 Jq	--	--	7.1E-05 J	--	--	--	--
2,2',3,6,6'-Pentachlorobiphenyl (PCB 96)	mg/Kg		3.1E-05 J	6.4E-07 Jq	--	--	1.4E-05 J	1.16E-05 J	1.12E-05 J	2.32E-05 J	8.43E-05 U
2,2',3,6-Tetrachlorobiphenyl (PCB 45)	mg/Kg		0.00083	1E-05 J	--	--	0.00023 J	--	--	--	--
2,2',3,6'-Tetrachlorobiphenyl (PCB 46)	mg/Kg		0.00032	4.8E-06 J	--	--	9.4E-05 J	3.68E-05 U	1.38E-05 J	2.35E-05 J	3.37E-05 U
2,2',3-Trichlorobiphenyl (PCB 16)	mg/Kg		0.0018	2.2E-05 J	--	--	0.0005	2.19E-05 J	4.86E-05	0.000124 J+	6.98E-05
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	mg/Kg		9.5E-06 U	4.7E-06 J	--	--	3.4E-05 U	2.36E-05 J	5.44E-05 J	0.000146 J	3.25E-05 J
2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	mg/Kg		0.00015	9.7E-05	--	--	0.00094	--	--	--	--
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	mg/Kg		5.3E-06 U	2.4E-06 U	--	--	2.4E-05 U	9.19E-05 U	1.15E-05 J	2.9E-05 J	8.43E-05 U
2,2',4,5',6-Pentachlorobiphenyl (PCB 103)	mg/Kg		1.3E-05 U	5.5E-06 U	--	--	4.1E-05 U	9.19E-05 U	9.36E-05 U	2.1E-05 J	8.43E-05 U
2,2',4,5-Tetrachlorobiphenyl (PCB 48)	mg/Kg		0.0012	1.7E-05 J	--	--	0.00036 J	2.95E-05 J	4.69E-05 J	9.84E-05	3.17E-05 J
2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	mg/Kg		2.3E-06 U	3.4E-07 U	--	--	4.1E-06 U	9.19E-05 U	9.36E-05 U	1.34E-05 J	8.43E-05 U
2,2',4,6'-Tetrachlorobiphenyl (PCB 51)	mg/Kg		0.00022 B	2.8E-06 J	--	--	4.6E-05 J	--	--	--	--
2,2',4-Trichlorobiphenyl (PCB 17)	mg/Kg		0.0015	1.5E-05 J	--	--	0.00037 J	3.84E-05	6.73E-05 J+	0.000219	9.68E-05

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	ProcessArea	ProcessArea	ProcessArea	S17	S17	SW1	SW1	SW1	SW1
		Location	PA-SS-7	PA-SS-8	PA-SS-9	S17-SS-1	S17-SS-2	SW-B-1Comp	SW-B-1Comp	SW-B-2Comp	SW-B-3Comp
		Sample Name	PA-SS-7_SS	PA-SS-8_SS	PA-SS-9_SS	S17-SS-1_SS	S17-SS-2_SS	SW-1 1E	SW-1 Dup.	SW-1 2E	SW-1 3E
		Start Depth	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	5	5	5	5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/13/2013	12/13/2013	12/13/2013	11/21/2013	11/21/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
		Parent Sample							SW-1 1E_08/15/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**									
2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	mg/Kg		0.0036 B	0.0001 B	--	--	0.0016 B	0.000458 J	0.000834 J	0.00095	0.000481
2,2',6,6'-Tetrachlorobiphenyl (PCB 54)	mg/Kg		1.2E-05 J	5.1E-07 U	--	--	5.1E-06 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,2',6-Trichlorobiphenyl (PCB 19)	mg/Kg		0.00039	4.9E-06 Jq	--	--	5.4E-05 J	3.68E-05 U	3.75E-05 U	3.16E-05 J	2.14E-05 J
2,2'-Dichlorobiphenyl (PCB 4)	mg/Kg		0.00095	2.3E-05 J	--	--	0.0002 Jq	9.58E-05	9.2E-05 J	0.000343	0.000503
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	mg/Kg		1.4E-05 Jq	1.3E-05 J	--	--	9.3E-05 J	0.0003 J	0.000819 J	0.00109	0.000296 J+
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/Kg		1.6E-05 Gq	1.5E-05	--	--	5.8E-05	6.09E-05 J	0.000102 J+	0.000296	8.24E-05 J
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB 190)	mg/Kg		8.6E-05	7.5E-05	--	--	0.00014 J	0.000167	0.000279	0.00055	0.000164
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB 191)	mg/Kg		2.4E-05 J	1.7E-05 J	--	--	3.9E-05 J	7.25E-05 J	0.000162	0.000372	9.11E-05 J+
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158)	mg/Kg		0.00019	8.4E-05	--	--	0.00033 J	0.00029	0.000449	0.000906	0.00027
2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/Kg		0.00014 G	0.00019 G	--	--	0.0013 G	0.000853	0.00132	0.00214 J-	0.000743
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB 192)	mg/Kg		4.5E-06 U	1.3E-06 U	--	--	1.5E-05 Jq	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB 159)	mg/Kg		4.7E-06 U	1E-05 J	--	--	1.1E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	mg/Kg		4.6E-06 U	8.4E-06 J	--	--	1.3E-05 Jq	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',4,5,6-Hexachlorobiphenyl (PCB 160)	mg/Kg		9.5E-06 U	2.9E-06 U	--	--	3.4E-05 U	0.000368 U	0.000375 U	0.000317 U	0.000337 U
2,3,3',4,5',6-Hexachlorobiphenyl (PCB 161)	mg/Kg		8.3E-06 U	2.6E-06 U	--	--	2.9E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164)	mg/Kg		0.00015	5.6E-05	--	--	0.00022 J	8.33E-05 J	0.000168	0.000196	7.7E-05 J
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)	mg/Kg		1.3E-05 U	5.3E-06 U	--	--	4E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',4',5'-Pentachlorobiphenyl (PCB 122)	mg/Kg		1.3E-05 U	5.4E-06 U	--	--	4E-05 U	9.19E-05 U	9.36E-05 U	4.38E-05 J	8.43E-05 U
2,3,3',4,6-Pentachlorobiphenyl (PCB 109)	mg/Kg		1.7E-05 J	2E-05 J	--	--	0.00016 J	--	--	--	--
2,3,3',4-Tetrachlorobiphenyl (PCB 55)	mg/Kg		6.6E-06 U	2.1E-06 U	--	--	1.6E-05 U	9.19E-05 U	1.01E-05 J	7.92E-05 U	8.43E-05 U
2,3,3',4'-Tetrachlorobiphenyl (PCB 56)	mg/Kg		0.00022	8.9E-05	--	--	0.00044	8.37E-05 J	0.000147	0.000238	9.39E-05
2,3,3',5,5',6-Hexachlorobiphenyl (PCB 165)	mg/Kg		9.5E-06 U	3E-06 U	--	--	3.4E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	mg/Kg		1.1E-05 U	4.3E-06 U	--	--	3.2E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',5,6-Pentachlorobiphenyl (PCB 112)	mg/Kg		1E-05 U	4.2E-06 U	--	--	3.1E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',5-Tetrachlorobiphenyl (PCB 57)	mg/Kg		2.1E-05 J	2.1E-06 U	--	--	1.6E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,3',5'-Tetrachlorobiphenyl (PCB 58)	mg/Kg		6.6E-06 U	2.1E-06 U	--	--	1.6E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/Kg		2.9E-05 G	3.9E-05	--	--	0.00018	0.000189	0.000324	0.000853	0.000244
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/Kg		1.4E-05 UG	5.9E-06 G	--	--	5.4E-05 G	6.72E-05 J	7.93E-05 J	0.000213	5.58E-05 J
2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/Kg		0.00027 GB	0.00028 BG	--	--	0.0022 B	0.00227	0.00345	0.0068 J-	0.00215
2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	mg/Kg		1.3E-05 UG	5E-06 UG	--	--	3.8E-05 U	5.07E-05 J	7.57E-05 J	0.000216	8.43E-05 U
2,3,4,4',6-Pentachlorobiphenyl (PCB 115)	mg/Kg		--	--	--	--	0.0029 B	--	--	--	--
2,3,4,4'-Tetrachlorobiphenyl (PCB 60)	mg/Kg		0.00012	5.1E-05	--	--	0.00024 J	0.000116	0.000183	0.000673	0.000166
2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	mg/Kg		0.0012 B	0.00016 B	--	--	0.0011	0.000784	0.00125	0.00479	0.00105
2,3',4,5,5'-Pentachlorobiphenyl (PCB 120)	mg/Kg		1.1E-05 U	4.6E-06 U	--	--	3.4E-05 U	9.19E-05 U	1.81E-05 J	4.15E-05 J	8.43E-05 U
2,3',4,5',6-Pentachlorobiphenyl (PCB 121)	mg/Kg		1.1E-05 U	4.3E-06 U	--	--	3.2E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2,3,4',5-Tetrachlorobiphenyl (PCB 63)	mg/Kg		0.0001	4.7E-06 J	--	--	4.8E-05 J	9.19E-05 U	2.67E-05 J	6.11E-05 J	8.43E-05 U
2,3',4,5-Tetrachlorobiphenyl (PCB 67)	mg/Kg		0.00012	3.5E-06 J	--	--	2.7E-05 J	1.4E-05 J	2.64E-05 J	4.68E-05 J	8.43E-05 U
2,3',4,5'-Tetrachlorobiphenyl (PCB 68)	mg/Kg		7.9E-06 Jq	1.8E-06 U	--	--	1.4E-05 U	9.19E-05 U	8.82E-06 J	2.13E-05 J	8.43E-05 U
2,3,4',6-Tetrachlorobiphenyl (PCB 64)	mg/Kg		0.0017 B	4.6E-05	--	--	0.0006 B	6.41E-05 J	0.000113	0.000187	7.35E-05 J
2,3,4'-Trichlorobiphenyl (PCB 22)	mg/Kg		0.002	5.3E-05	--	--	0.00089	5.4E-05	8.35E-05	0.000235	0.000102
2,3',4-Trichlorobiphenyl (PCB 25)	mg/Kg		0.00039	3.7E-06 Jq	--	--	8.9E-05 Jq	1.63E-05 J	2.72E-05 J	9.28E-05	1.99E-05 J
2,3',5,5'-Tetrachlorobiphenyl (PCB 72)	mg/Kg		1.2E-05 Jq	2E-06 U	--	--	1.6E-05 U	9.19E-05 U	8.14E-06 J	1.32E-05 J	8.43E-05 U
2,3',5',6-Tetrachlorobiphenyl (PCB 73)	mg/Kg		4.5E-06 U	3.5E-07 U	--	--	5E-06 U	--	--	--	--
2,3,5-Trichlorobiphenyl (PCB 23)	mg/Kg		2.4E-05 U	2E-06 U	--	--	2.5E-05 U	3.68E-05 U	3.75E-05 U	4.1E-05 U	3.37E-05 U
2,3',5'-Trichlorobiphenyl (PCB 34)	mg/Kg		2.5E-05 U	2.1E-06 U	--	--	2.6E-05 U	3.68E-05 U	3.75E-05 U	4.28E-05 U	3.37E-05 U
2,3,6-Trichlorobiphenyl (PCB 24)	mg/Kg		5E-05	6.3E-07 J	--	--	1.2E-05 U	3.68E-05 U	8.25E-06 J	3.17E-05 U	3.37E-05 U
2,3',6-Trichlorobiphenyl (PCB 27)	mg/Kg		0.00022	2.6E-06 J	--	--	6E-05 J	3.68E-05 U	9.96E-06 J	2.9E-05 J	3.37E-05 U
2,3-Dichlorobiphenyl (PCB 5)	mg/Kg		6.5E-05	4.4E-06 U	--	--	0.00013 U	3.68E-05 U	3.75E-05 U	3.17E-05 U	3.37E-05 U
2,3'-Dichlorobiphenyl (PCB 6)	mg/Kg		0.00055	2.6E-05 Jq	--	--	0.00026 J	4.71E-05	6.9E-05	0.000192	0.00013
2,4',5-Trichlorobiphenyl (PCB 31)	mg/Kg		0.0046 B	8.7E-05 B	--	--	0.0014 B	0.000222	0.000343	0.000959	0.000356
2,4',6-Trichlorobiphenyl (PCB 32)	mg/Kg		0.00081	1E-05 J	--	--	0.00026 J	4.13E-05 J+	6.55E-05 J+	0.000207	8.63E-05
2,4-Dichlorobiphenyl (PCB 7)	mg/Kg		9.1E-05	4.1E-06 U	--	--	0.00012 U	1.87E-05 J	2.84E-05 J	7.2E-05	6.58E-05
2,4'-Dichlorobiphenyl (PCB 8)	mg/Kg		0.0026	5.6E-05	--	--	0.00066	0.00049	0.000632	0.00201	0.00203
2,5-Dichlorobiphenyl (PCB 9)	mg/Kg		0.00018	1.2E-05 J	--	--	0.00013 U	3.63E-05 J	4.15E-05	8.74E-05	8.71E-05
2,6-Dichlorobiphenyl (PCB 10)	mg/Kg		4.2E-05 q	4.1E-06 U	--	--	3.7E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
2-Chlorobiphenyl (PCB 1)	mg/Kg		5.4E-05 B	1.4E-05 JB	--	--	0.00029 JB	0.00104	0.00108	0.00202	0.00318
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/Kg		7.9E-06 UG	2.1E-06 U	--	--	1.4E-05 U	9.19E-05 U	9.36E-05 U	8.24E-05 U	8.43E-05 U
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/Kg		2.1E-05 UG	1.5E-05 G	--	--	5.4E-05 UG	9.19E-05 U	9.36E-05 U	0.00012 J+	8.43E-05 U
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/Kg		2E-05 Gq	7.8E-05	--	--	0.00028	0.000119	0.000204	0.000513	0.00016 J+
3,3',4,5,5'-Pentachlorobiphenyl (PCB 127)	mg/Kg		1.3E-05 U	5.3E-06 U	--	--	4E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
3,3',4,5-Tetrachlorobiphenyl (PCB 78)	mg/Kg		7.4E-06 U	2.3E-06 U	--	--	1.8E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U
3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	mg/Kg		6.4E-06 U	7.8E-06 J	--	--	4.7E-05 J	1.91E-05 J	7.23E-05 J	8.56E-05 J+	8.43E-05 U
3,3',4-Trichlorobiphenyl (PCB 35)	mg/Kg		5.4E-05 q	8.4E-06 J	--	--	0.00013 J	2.51E-05 J	4.51E-05	0.000102	2.28E-05 J
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)	mg/Kg		6.1E-06 U	1.9E-06 U	--	--	1.5E-05 U	9.19E-05 U	9.36E-05 U	7.92E-05 U	8.43E-05 U

Table 8. Soil Summary - PCBs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	ProcessArea	ProcessArea	ProcessArea	S17	S17	SW1	SW1	SW1	SW1
		Location	PA-SS-7	PA-SS-8	PA-SS-9	S17-SS-1	S17-SS-2	SW-B-1Comp	SW-B-1Comp	SW-B-2Comp	SW-B-3Comp
		Sample Name	PA-SS-7_SS	PA-SS-8_SS	PA-SS-9_SS	S17-SS-1_SS	S17-SS-2_SS	SW-1 1E	SW-1 Dup.	SW-1 2E	SW-1 3E
		Start Depth	0	0	0	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	0.5	0.5	5	5	5	5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/13/2013	12/13/2013	12/13/2013	11/21/2013	11/21/2013	8/15/2013	8/15/2013	8/15/2013	8/15/2013
		Parent Sample							SW-1 1E_08/15/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**									
3,3',5-Trichlorobiphenyl (PCB 36)	mg/Kg		2.5E-05 U	2.1E-06 U	--	--	2.7E-05 U	3.68E-05 U	3.75E-05 U	4.06E-05 U	3.37E-05 U
3,3'-Dichlorobiphenyl (PCB 11)	mg/Kg		4.6E-05	3.6E-05 JBq	--	--	0.00074 q	5.3E-05 J+	7.08E-05 J+	0.000151 J+	5.02E-05 J+
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/Kg		8.4E-06 UG	2.3E-06 J	--	--	2.2E-05 U	9.19E-05 U	2.53E-05 J	6.28E-05 J	2.3E-05 J
3,4,4'-Trichlorobiphenyl (PCB 37)	mg/Kg		0.0013	0.00011	--	--	0.0011	0.000492	0.000728	0.00272 J-	0.000781
3,4,5-Trichlorobiphenyl (PCB 38)	mg/Kg		2.7E-05 U	2.3E-06 U	--	--	2.9E-05 U	3.68E-05 U	3.75E-05 U	4.66E-05 U	3.37E-05 U
3,4',5-Trichlorobiphenyl (PCB 39)	mg/Kg		2.5E-05 U	2.1E-06 U	--	--	2.7E-05 U	3.68E-05 U	3.75E-05 U	3.83E-05 U	3.37E-05 U
3,5-Dichlorobiphenyl (PCB 14)	mg/Kg		2.3E-05 U	3.8E-06 U	--	--	0.00011 U	3.68E-05 U	3.75E-05 U	3.17E-05 U	3.37E-05 U
3-Chlorobiphenyl (PCB 2)	mg/Kg		4.3E-06 Jq	2E-05 J	--	--	0.00025 JB	0.000192	0.000239	0.0005	0.000445
4,4'-Dichlorobiphenyl (PCB 15)	mg/Kg		0.001	6.2E-05 q	--	--	0.00077 q	0.0029	0.00407	0.0145	0.00737
4-Chlorobiphenyl (PCB 3)	mg/Kg		2.4E-05 JB	3.3E-05 JB	--	--	0.00018 JB	0.00133	0.00172	0.0039	0.00526
Decachlorobiphenyl (PCB 209)	mg/Kg		0.0016 B	0.0019 B	--	--	0.06 EB	0.706 J-	1.05 J-	1.52 J-	0.806 J-
PCB 107/124	mg/Kg		1.2E-05 U	1.2E-05 J	--	--	0.00011 J	--	--	--	--
PCB 110/115	mg/Kg		0.00088 B	0.0004 B	--	--	0.0029 B	0.00108 J	0.00204 J	0.00179	0.0009
PCB 12/13	mg/Kg		0.00014	6.5E-05 Jq	--	--	0.00033 J	0.000125	0.000153	0.000475	0.000213
PCB 128/166	mg/Kg		0.00019	0.00011	--	--	0.00055 J	0.000386	0.000653	0.000757	0.000271 J+
PCB 129/138/163	mg/Kg		0.0014 B	0.00081 B	--	--	0.0029 B	0.00191	0.00307	0.00491	0.00167
PCB 134/143	mg/Kg		8.6E-05 q	2.5E-05 J	--	--	0.00011 J	--	--	--	--
PCB 135/151	mg/Kg		0.00054	0.00019	--	--	0.00051 J	0.000319	0.000448	0.00052	0.000212
PCB 139/140	mg/Kg		2.5E-05 J	6.4E-06 Jq	--	--	4.1E-05 J	5.01E-05 J	7.14E-05 J	0.000171	3.88E-05 J
PCB 147/149	mg/Kg		0.0014 B	0.00048 B	--	--	0.0015 B	0.000765	0.00118	0.00123	0.000517
PCB 153/168	mg/Kg		0.00051 B	0.0006 B	--	--	0.0019 B	0.00282	0.00447	0.0104	0.00274
PCB 156/157	mg/Kg		8.7E-05	9.9E-05	--	--	0.00052	0.000418	0.000708	0.00119	0.000398
PCB 171/173	mg/Kg		0.00018	0.00011	--	--	0.00023 J	0.000183 J	0.000303	0.00062	0.000179
PCB 18/30	mg/Kg		0.0032	3.1E-05 J	--	--	0.00083	2.79E-05 J	9.36E-05 U	7.92E-05 U	6.72E-05 J
PCB 180/193	mg/Kg		0.00099 B	0.00085 B	--	--	0.0014 B	0.00286	0.00463	0.0109	0.00247
PCB 198/199	mg/Kg		0.0003	0.0002	--	--	0.00047 J	0.00181	0.00279	0.00437	0.000723
PCB 20/28	mg/Kg		0.0052 B	0.0001 B	--	--	0.002 B	0.00114	0.00168	0.00663	0.00184
PCB 21/33	mg/Kg		0.0032 B	4.7E-05 JB	--	--	0.00091 B	7.61E-05 J	0.000131	0.000301	0.000133
PCB 26/29	mg/Kg		0.00088	1.1E-05 Jq	--	--	0.00015 J	3.76E-05 J	6.4E-05 J	9.3E-05	3.5E-05 J
PCB 40/71	mg/Kg		0.002	4.8E-05 J	--	--	0.00072 J	--	--	--	--
PCB 44/47/65	mg/Kg		0.0037 B	8.5E-05 JB	--	--	0.0015 B	0.000351	0.000187 U	0.00166	0.000474
PCB 49/69	mg/Kg		0.0022	4.2E-05 JB	--	--	0.00075 JB	0.000102 J	0.000192	0.000394 J+	0.00013 J
PCB 50/53	mg/Kg		0.00062	8.2E-06 J	--	--	0.00017 J	1.59E-05 J	3.46E-05 J	6.13E-05 J	1.93E-05 J
PCB 59/62/75	mg/Kg		0.00039	5.3E-06 Jq	--	--	0.00013 J	3.78E-05 J	5.43E-05 J	0.000176	5.78E-05 J
PCB 61/70/74/76	mg/Kg		0.0028 B	0.00023 B	--	--	0.0018 B	0.00096	0.00152	0.0036	0.00117
PCB 85/116/117	mg/Kg		7.2E-05 J	4.6E-05 J	--	--	0.0004 J	--	--	--	--
PCB 86/87/97/109/119/125	mg/Kg		0.0002 J	0.00019 J	--	--	0.0015 JB	0.000834	0.00141	0.00146	0.000684
PCB 88/91	mg/Kg		0.00026	2.3E-05 J	--	--	0.00021 J	0.00011	0.000206	0.000202	9.99E-05 J+
PCB 90/101/113	mg/Kg		0.00029	0.00027 B	--	--	0.0018 B	0.00109	0.00173	0.00186	0.000839
PCB 93/100	mg/Kg		1.5E-05 U	5.9E-06 U	--	--	4.4E-05 U	0.000368 U	3.52E-05 J	7.56E-05 J	2.03E-05 J
PCB 98/102	mg/Kg		9.7E-05	5.5E-06 U	--	--	4.1E-05 U	1.58E-05 J	3.58E-05 J	3.99E-05 J	1.3E-05 J
Total Dichlorobiphenyl	mg/Kg		0.0057 q	0.00028 JBq	--	--	0.003 Jq	0.00376 J	0.00515 J	0.0178 J	0.0105 J
Total Heptachlorobiphenyl	mg/Kg		0.0041 qB	0.0029 B	--	--	0.0048 qB	0.00629 J	0.00993 J	0.0214 J	0.00519 J
Total Hexachlorobiphenyl	mg/Kg		0.006 qB	0.0032 Bq	--	--	0.011 qB	0.0086 J	0.0139 J	0.0239 J	0.00746 J
Total Monochlorobiphenyl	mg/Kg		8.3E-05 JqB	6.7E-05 JB	--	--	0.00073 JB	0.00256 J	0.00305 J	0.00642 J	0.00888 J
Total Nonachlorobiphenyl	mg/Kg		0.0004 J	0.00043	--	--	0.0033 J	0.0145 J	0.0278 J	0.0618 J	0.0149 J
Total Octachlorobiphenyl	mg/Kg		0.0011 q	0.00078	--	--	0.0023 Jq	0.00801 J	0.0138 J	0.029 J	0.00593 J
Total PCBs (Lab calculated)	mg/Kg	**0.83**	0.072 qB	0.013 Bq	--	--	0.12 qB	0.764 J	**1.15 J**	**1.72 J**	**0.875 J**
Total Pentachlorobiphenyl	mg/Kg		0.0037 qB	0.0019 Bq	--	--	0.014 qB	0.00909 J	0.0149 J	0.0221 J	0.00802 J
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	**0.0027**	5.9E-06	1.5E-06	--	3.9E-06	0.00011	--	--	--	--
Total TEQ-Dioxin/Furan only	mg/Kg	**0.0027**	5.9E-06	--	--	3.9E-06	0.00011	--	--	--	--
Total TEQ-PCB Congener Only	mg/Kg		1.8E-08	1.5E-06	--	--	1.6E-07	1.29E-07	2.1E-07	1.24E-05 J	1.33E-07 J
Total Tetrachlorobiphenyl	mg/Kg		0.023 qB	0.001 Bq	--	--	0.011 B	0.00328 J	0.00497 J	0.014 J	0.00402 J
Total Trichlorobiphenyl	mg/Kg		0.026 qB	0.00051 Bq	--	--	0.0087 qB	0.00219 J	0.0033 J	0.0117 J	0.00363 J
Aroclor 1016	mg/Kg	23.6	--	--	0.0094 U	--	--	--	--	--	--
Aroclor 1221	mg/Kg	0.83	--	--	0.0094 U	--	--	--	--	--	--
Aroclor 1232	mg/Kg	0.83	--	--	0.0094 U	--	--	--	--	--	--
Aroclor 1242	mg/Kg	0.83	--	--	0.0094 U	--	--	--	--	--	--
Aroclor 1248	mg/Kg	0.83	--	--	0.0094 U	--	--	--	--	--	--
Aroclor 1254	mg/Kg	0.83	--	--	0.1	--	--	--	--	--	--
Aroclor 1260	mg/Kg	0.83	--	--	0.098	--	--	--	--	--	--
Total PCBs (Lab calculated)	mg/Kg	0.83	--	--	0.2	--	--	--	--	--	--

Table 9. Soil Summary - Radionuclides
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	Boneyard	Boneyard	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn
		Location	BY-SS-3	BY-SS-3	DD-B-1	DD-B-1	DD-B-4	DD-B-4	DD-B-8	DD-B-8	DD-B-9	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4
		Sample Name	BY-SS-3_SS	BY-SS-3_SS DUP	DD-B-1_SS	DD-B-1_SUB	DD-B-4_SS	DD-B-4_SUB	DD-B-8_SS	DD-B-8_SUB	DD-B-9_SS	DD-B-9_SUB	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS
		Start Depth	0	0	0	10	0	5.5	0	10	0	10	0	0	0	0	0	0
		End Depth	0.5	0.5	0.5	15	0.5	10.5	0.5	15	0.5	15	0.5	0.5	0.5	0.5	0.5	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	11/20/2013	11/14/2013	11/14/2013	12/2/2013	12/2/2013	12/4/2013	12/4/2013	12/3/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013
		Parent Sample		BY-SS-3_SS_11/20/13										FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																
Thorium	pCi/g		1.21	1.68	1.9	1.58	1.49	1.35	1.86	1.64	1.59	1.36	1.64	1.57	1.88	1.7	2.23	1.64
Thorium-228	pCi/g	**0.025**	**1.54**	**1.96**	**1.77**	**1.52**	**1.9**	**1.31**	**1.97**	**1.56**	**1.65**	**1.59**	**1.96**	**1.84**	**1.74**	**1.8**	**2.77**	**1.79**
Thorium-230	pCi/g	**8.3**	0.759	0.874	1.03	1.65	5.58	0.834	1.5	1.26	2.65	1.25	4.89	4.76	2.58	2.46	**28.3**	6.12
Uranium-234	pCi/g	**11**	0.709	0.893	1.13	1.32	6.78	1.08	1.05	1.32	3.84	0.977	4.48	4.41	2.47	2.06	**28.6**	5.98
Uranium-235	pCi/g	**0.35**	0.0773 U	0.0724 U	0.0874	0.0793	**0.401**	0.0684	0.07	0.064 U	0.21	0.0394 U	0.221	0.282	0.177	0.0761 U	**1.55**	0.311
Uranium-238	pci/g	**1.4**	0.747	0.961	0.834	0.931	**6.79**	1.17	1.27	1.14	**3.16**	1.03	**4.52**	**4.04**	**2.41**	**2.15**	**28.3**	**6**
GROSS ALPHA	pCi/g		27.5	27.1	28.6	29.5	126	31.8	27.5	20.7	88.5	26.6	74.2	84.6	37.1	39	348	97.1
GROSS BETA	pCi/g		27.9	28.3	50.3	27.6	48.8	30	33.8	26.6	45.9	32.3	49.1	50.8	35.6	35.3	153	32.9
Actinium-228	pCi/g		1.65	1.78	1.83	1.75	2.1	1.68	2.08	1.96	2.05	2.06	1.91	2.01	1.83	1.81	3.05	2.05
Bismuth-210M	pCi/g		0.11 U	0.122 U	0.141	0.152	0.164 U	0.127 U	0.14 U	0.182 U	0.158 U	0.157 U	0.142 U	0.147 U	0.136 U	0.136 U	0.354 U	0.167 U
Bismuth-212	pCi/g		2.17	1.79	2.3	1.34	4.12	2.98	2.63	1.88	1.17	1.69 U	3.09	3.53	2.78	2.91	4.46	2.57
Bismuth-214	pCi/g		1.04	0.961	0.969	1.35	4.57	1.11	1.61	1.15	3.67	1.12	2.34	2.57	1.48	1.74	11.3	3.28
Cesium-134	pCi/g		0.0872 U	0.122 U	0.0726	0.104	0.0737 U	0.0768 U	0.118 U	0.155 U	0.132 U	0.172 U	0.121 U	0.0941 U	0.0725 U	0.0981 U	1.09 U	0.106 U
Cesium-137	pCi/g		0.0821 U	0.0785 U	0.0897	0.118	0.121 U	0.0876 U	0.0964 U	0.14 U	0.102 U	0.114 U	0.143 U	0.114 U	0.0882 U	0.0963 U	0.242 U	0.105 U
Cobalt-57	pCi/g		0.0554 U	0.0651 U	0.0646	0.076	0.092 U	0.0629 U	0.0491 U	0.0924 U	0.683 U	0.0962 U	0.0807 U	0.0716 U	0.0737 U	0.0796 U	0.186 U	0.084 U
Cobalt-60	pCi/g		0.0894 U	0.106 U	0.107	0.147	0.206 U	0.0866 U	0.096 U	0.145 U	0.108 U	0.143 U	0.145 U	0.113 U	0.0972 U	0.125 U	0.265 U	0.104 U
Lead-212	pCi/g		1.62	1.71	1.9	1.66	2.14	1.6	1.81	1.91	1.95	1.89	1.99	1.9	1.66	1.9	2.89	1.79
Lead-214	pCi/g		0.943	1.14	1.11	1.4	4.75	1.13	1.8	1.45	4.06	1.39	2.71	3.2	1.66	1.77	11.3	3.57
Potassium-40	pCi/g		22.5	25.3	37.8	24.4	20	24.8	24	22.4	24.3	22.5	21.8	21.5	24.3	23.5	16.2	25.5
Protactinium-231	pCi/g		2.18 U	2.52 U	2.41	2.67	3.88 U	2.73 U	2.68 U	3.8 U	3.3 U	3.51 U	3.53 U	2.63 U	3.29 U	2.73 U	7.48 U	3.34 U
Protactinium-234m	pCi/g		0.304 U	0.316 U	0.376	0.479	0.48 U	0.255 U	0.346 U	0.5 U	0.426 U	0.492 U	0.422 U	0.349 U	0.383 U	0.387 U	0.955 U	0.466 U
Radium-224	pCi/g		1.75	2.13	2.14	2.34	3.11 U	1.74 U	2.1 U	5.58 U	2.76	2.54	2.53 U	2.45	2.57 U	2.35	6.4 U	2.94 U
Thallium-208	pCi/g		0.523	0.726	0.621	0.623	0.834	0.583	0.631	0.671	0.661	0.551	0.6	0.725	0.636	0.633	1.06	0.675
Thorium-227	pCi/g		1.63 U	0.648	1.79	1.43	0.917 U	1.71 U	1.87 U	0.491 U	1.97 U	2.6 U	0.419 U	0.855 U	0.426 U	2.02 U	1.43	2.02 U
Thorium-234	pCi/g		1.93 U	2.29 U	2.39	2.78	6.47	2.22 U	1.72 U	3.54 U	3.59	3.51 U	3.56	4.15	2.84	2.85	22	3.94
Radium-226	pCi/g	**0.023**	**0.953**	**1.03**	**1.01**	**1.34**	**5.23**	**1.13**	**2.01**	**1.55**	**4.94**	**0.99**	**2.97**	**3.15**	**1.47**	**1.76**	**14.7**	**3.08**
Radium-228	pCi/g	**0.041**	**1.08**	**1.11**	**1.42**	**1.49**	**1.33**	**1.54**	**1.13**	**1.12**	**1.05**	**1.37**	**1.39**	**1.22**	**1.12**	**0.63**	**1.94**	**1.27**

Table 9. Soil Summary - Radionuclides
Conceptual Site Model - Additional Samplin
TIMET
Henderson, Nevada

		Site Area	J2Landfill	NortheastProperty	NortheastProperty	NortheastProperty	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea	NorthStorageArea
		Location	J2-SS-2	NE-B-3	NE-B-3	NE-B-3	NS-B-1	NS-B-1	NS-B-2	NS-B-2	NS-B-3	NS-B-3	NS-B-4	NS-B-4	NS-B-5	NS-SS-1
		Sample Name	J2-SS-2_SS	NE-B-3_SS	NE-B-3_SUB	NE-B-3_SUB DUP	NS-B-1_SS	NS-B-1_SUB	NS-B-2_SS	NS-B-2_SUB	NS-B-3_SS	NS-B-3_SUB	NS-B-4_SS	NS-B-4_SUB	NS-B-5	NS-SS-1_SS
		Start Depth	0	0	10	10	0	10	0	3	0	10	0	10	0	0
		End Depth	0.5	0.5	15	15	0.5	15	0.5	8	0.5	15	0.5	15	15	0.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/21/2013	11/22/2013	11/22/2013	11/22/2013	11/13/2013	11/13/2013	11/13/2013	11/13/2013	11/14/2013	11/14/2013	11/14/2013	11/14/2013	12/13/2013	11/20/2013
		Parent Sample				NE-B-3_SS_11/22/13										
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**														
Thorium	pCi/g		1.79	1.66	1.55	1.66	1.61	1.53	2.86	1.44	1.7	1.78	2.25	1.87	1.63	2.11
Thorium-228	pCi/g	**0.025**	**1.89**	**1.63**	**1.8**	**1.64**	**2.09**	**2.04**	**2.87**	**1.52**	**1.95**	**1.59**	**2.27**	**2.04**	**1.63**	**2.12**
Thorium-230	pCi/g	**8.3**	1.46	1.01	1.17	1.18	1.38	1.06	5.19	1.41	1.14	1.62	1.26	1.5	1.71	2.85
Uranium-234	pCi/g	**11**	1.22	0.777	1.05	1.11	0.863	1.33	5.35	1.54	0.945	1.31	1.1	1.11	1.29	2.68
Uranium-235	pCi/g	**0.35**	0.0899 U	0.043	0.0592	0.0368	0.0949	0.0728	0.256	0.0707	0.0797	0.0632	0.0705	0.0834	0.154	0.103
Uranium-238	pci/g	**1.4**	1.13	1.01	1.01	0.992	0.818	0.981	**4.98**	1.31	0.966	1.16	1.29	1.05	1.07	**2.84**
GROSS ALPHA	pCi/g		39.2	35.1	24.1	27.8	31.3	23	108	28.7	29.7	22.5	36.4	24.5	28	61.5
GROSS BETA	pCi/g		36.4	32.5	29.5	29.5	38.5	29.2	55.8	25.1	33.3	27	37.1	27.3	29.3	39
Actinium-228	pCi/g		2.46	2.05	1.69	1.75	1.78	1.93	2.6	1.92	1.46	1.17	2.64	1.74	1.87	2.01
Bismuth-210M	pCi/g		0.25 U	0.122 U	0.141 U	0.118 U	0.132	0.13	0.157	0.164	0.108	0.187	0.137	0.102	0.148 U	0.135 U
Bismuth-212	pCi/g		2.17 U	3.17	1.17	1.47	2.14	2.83	3.46	2.65	2.33	1.74	2.59	2.57	1.75 U	3.62
Bismuth-214	pCi/g		3.62	1.43	0.972	1.35	1.04	1.43	3.89	1.44	1.3	1.38	1.46	1.14	1.37	2.01
Cesium-134	pCi/g		0.0888 U	0.0992 U	0.191 U	0.103 U	0.109	0.246	0.397	0.163	0.1	0.241	0.0677	0.123	0.136 U	0.239 U
Cesium-137	pCi/g		0.196 U	0.0771 U	0.101 U	0.0836 U	0.092	0.1	0.113	0.105	0.147	0.109	0.112	0.0982	0.13 U	0.119 U
Cobalt-57	pCi/g		0.102 U	0.0654 U	0.068 U	0.0677 U	0.0685	0.0684	0.0674	0.0861	0.0662	0.0882	0.0724	0.0676	0.0711 U	0.0765 U
Cobalt-60	pCi/g		0.229 U	0.104 U	0.131 U	0.0944 U	0.0861	0.0981	0.12	0.312	0.099	0.242	0.0986	0.0881	0.143 U	0.102 U
Lead-212	pCi/g		2.23	1.75	1.79	1.54	1.8	1.44	2.46	2.01	1.88	1.85	2.41	1.81	1.83	2.11
Lead-214	pCi/g		3.33	1.44	1.18	1.15	1.24	1.17	4.2	1.54	1.38	1.56	1.51	1	1.48	2.3
Potassium-40	pCi/g		26.1	23.8	26	27.4	35.3	22.4	21.4	20.7	25.6	22.4	28	21.9	22.8	25.8
Protactinium-231	pCi/g		4.32 U	2.55 U	2.85 U	2.78 U	2.55	2.02	2.38	4.47	2.76	3.9	2.56	2.85	2.2 U	2.92 U
Protactinium-234m	pCi/g		0.659 U	0.353 U	0.347 U	0.379 U	0.34	0.379	0.459	0.285	0.356	0.523	0.386	0.363	0.385 U	0.388 U
Radium-224	pCi/g		3.75 U	2.05 U	2.2	4.01 U	2.22	2.49	2.92	3.13	2.03	3.09	2.94	3.79	2.26 U	2.73
Thallium-208	pCi/g		0.852	0.656	0.623	0.568	0.684	0.59	0.883	0.599	0.712	0.419	0.72	0.586	0.631	0.749
Thorium-227	pCi/g		1.91 U	1.08 U	1.96 U	1.51 U	0.593	0.844	2.17	0.732	0.639	2.69	2.02	0.382	2.1 U	1.98 U
Thorium-234	pCi/g		4.15	2.27 U	2.31 U	2.32 U	2.22	2.66	2.88	3.7	2.48	3.73	2.03	2.34	2.28 U	2.98
Radium-226	pCi/g	**0.023**	**3.31**	**1**	**0.931**	**0.929**	**1.12**	**1.28**	**5.04**	**1.35**	**1.29**	**1.29**	**1.15**	**1.06**	**1.48**	**2.59**
Radium-228	pCi/g	**0.041**	**1.23**	**1.51**	**1.03**	**1**	**1.85**	**1.1**	**1.8**	**0.894**	**1.69**	**1.46**	**1.52**	**1.28**	**1.22**	**0.939**

Table 9. Soil Summary - Radionuclides
Conceptual Site Model - Additional Samplin
TIMET
Henderson, Nevada

		Site Area	NorthStorageArea	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	PondAreas	ProcessArea	ProcessArea	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement
		Location	NS-SS-5	P-B-10	P-B-10	P-B-12	P-B-12	P-B-3	P-B-3	PA-SS-1	PA-SS-7	FM-B-1	FM-B-1	FM-B-1	FM-B-2	FM-B-2	FM-B-2	LS-B-1	NS-B-5
		Sample Name	NS-SS-5_SS	P-B-10_SS	P-B-10_SUB	P-B-12_DEEP	P-B-12_SHALLOW	P-B-3_SS	P-B-3_SUB	PA-SS-1_SS	PA-SS-7_SS	FM-B-1 0-2	FM-B-1 13-15	FM-B-1 2-4	FM-B-2 0-2	FM-B-2 13-15	FM-B-2 2-4	LS-B-1	NS-B-5
		Start Depth	0	0	2	0	18	0	4	0	0	0	13	2	0	13	2	0	0
		End Depth	0.5	0.5	5	0.5	23	0.5	9	0.5	0.5	2	15	4	2	15	4	15	15
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	11/20/2013	12/11/2013	12/11/2013	12/5/2013	12/5/2013	11/18/2013	11/18/2013	12/13/2013	12/13/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/13/2013	12/13/2013
		Parent Sample																	
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**																	
Thorium	pCi/g		1.94	2.94	3.27	1.47	2.09	1.45	2.13	1.39	0.128	1.96	1.72	1.49	2.2	1.48	1.61	1.5	1.63
Thorium-228	pCi/g	**0.025**	**1.98**	**3.08**	**3.31**	**1.97**	**2.33**	**1.84**	**2.35**	**1.79**	**0.147**	**2.21**	**1.77**	**1.68**	**2.36**	**1.84**	**1.75**	**1.53**	**1.63**
Thorium-230	pCi/g	**8.3**	1.88	4.57	**11.8**	1.66	3.16	0.983	1.31	1.62	0.728	1.44	1.36	1.01	**14.5**	1.09	1.17	1.08	1.71
Uranium-234	pCi/g	**11**	0.968	4.01	10.8	1.1	2.52	0.986	1.18	1.07	0.559	0.913	1.24	1.07	**15.9**	1.13	0.957	1.27	1.29
Uranium-235	pCi/g	**0.35**	0.0503	0.221	**0.415**	0.0767 U	0.0722 U	0.0599	0.0739	0.0742 U	0.062 U	0.128 U	0.0866 U	0.0424 U	**0.633**	0.059	0.13	0.134	0.154
Uranium-238	pci/g	**1.4**	0.894	**4.2**	**10.6**	1.3	**2.92**	1.11	1.23	0.923	0.404	1.33	0.84	1.08	**15.1**	1.26	0.972	1.19	1.07
GROSS ALPHA	pCi/g		26.9	115	209	22.4	54.9	20.8	23.1	27.7	7.27	16.1	25.3	30.2	244	27.3	23.5	28.7	28
GROSS BETA	pCi/g		29.4	52.9	82.9	26.7	44	29.8	22.5	27.1	5.79	28.6	19.9	26.5	103	29.6	31.3	30.7	29.3
Actinium-228	pCi/g		1.69	2.62	2.83	2.04	2.08	1.81	1.95	1.73	0.162	1.79	1.75	1.73	2.39	1.7	1.64	1.81	1.87
Bismuth-210M	pCi/g		0.112 U	0.145 U	0.152 U	0.118 U	0.146 U	0.125	0.136	0.148 U	0.0495 U	0.105 U	0.118 U	0.114 U	0.227 U	0.107 U	0.128 U	0.144 U	0.148 U
Bismuth-212	pCi/g		1.63	2.44	3.81	2.06	3.44	2.53	2.72	1.1	0.625 U	1.2	2.93	2.38	2.57 U	1.16 U	3.18	1.29	1.75 U
Bismuth-214	pCi/g		1.05	2.47	4.67	1.4	1.88	1.37	1.31	1.14	0.362	1.1	1.11	1.05	5.16	1.18	1.15	1.05	1.37
Cesium-134	pCi/g		0.0691 U	0.373 U	0.127 U	0.0738 U	0.148 U	0.0694	0.283	0.0926 U	0.0738 U	0.229 U	0.0921 U	0.065 U	0.765 U	0.24 U	0.142 U	0.104 U	0.136 U
Cesium-137	pCi/g		0.112 U	0.102 U	0.139 U	0.118 U	0.149 U	0.132	0.0957	0.0835 U	0.0546 U	0.0764 U	0.1 U	0.0715 U	0.193 U	0.0818 U	0.135 U	0.0824 U	0.13 U
Cobalt-57	pCi/g		0.0738 U	0.0752 U	0.0964 U	0.0594 U	0.0839 U	0.0682	0.0554	0.0786 U	0.024 U	0.0567 U	0.0627 U	0.0628 U	0.108 U	0.0536 U	0.0715 U	0.0541 U	0.0711 U
Cobalt-60	pCi/g		0.132 U	0.0843 U	0.115 U	0.0968 U	0.102 U	0.134	0.0354	0.117 U	0.0733 U	0.106 U	0.11 U	0.0904 U	0.188 U	0.12 U	0.0471 U	0.0924 U	0.143 U
Lead-212	pCi/g		1.77	2.56	2.58	1.59	2.19	1.89	1.82	1.46	0.0948	1.69	1.89	1.61	2.32	1.66	1.68	1.83	1.83
Lead-214	pCi/g		1.05	2.45	5.09	1.31	1.96	1.35	1.22	1.18	0.385	1.12	1.34	1.17	5.2	1.22	1	1.24	1.48
Potassium-40	pCi/g		26.5	24.3	23.6	24.1	26.3	24.7	23.3	25	2.23	23.9	26.9	26.8	25	23.9	25.3	24.5	22.8
Protactinium-231	pCi/g		2.78 U	2.9 U	4.09 U	2.43 U	3.1 U	2.98	2.42	2.26 U	1.1 U	1.96 U	2.66 U	1.19 U	5.31 U	2.17 U	2.91 U	2.21 U	2.2 U
Protactinium-234m	pCi/g		0.373 U	0.429 U	0.501 U	0.291 U	0.454 U	0.387	0.32	0.306 U	0.133 U	0.289 U	0.355 U	0.297 U	0.615 U	0.176 U	0.323 U	0.322 U	0.385 U
Radium-224	pCi/g		2.31 U	3.07	3.29 U	1.98 U	2.57 U	2.08	2.29	1.82 U	1.22 U	1.78 U	2.18 U	2.75 U	4.45 U	1.9 U	2.36	2.07 U	2.26 U
Thallium-208	pCi/g		0.57	0.872	1.03	0.592	0.78	0.64	0.607	0.503	0.0613 U	0.619	0.618	0.423	0.989	0.639	0.53	0.612	0.631
Thorium-227	pCi/g		6.19	0.781 U	0.831 U	1.57 U	2.34 U	0.521	1.62	1.79 U	0.46 U	0.343 U	1.96 U	0.464 U	2.86 U	0.462 U	1.91 U	2.01 U	2.1 U
Thorium-234	pCi/g		2.14 U	3.85	6.79	2.09 U	2.26 U	2.6	2.29	2.32 U	0.987 U	1.78 U	2.26	1.54	5.27	2.05 U	2.43 U	2.52 U	2.28 U
Radium-226	pCi/g	**0.023**	**0.911**	**3.35**	**4.62**	**1.53**	**2.31**	**1.14**	**1.16**	**1.27**	**0.631**	**1.03**	**1.31**	**1.02**	**8.6**	**1.11**	**1.04**	**1.42**	**1.48**
Radium-228	pCi/g	**0.041**	**0.894**	**2**	**2.3**	**1.29**	**1.9**	**1.28**	**1.42**	**0.998**	0.391 U	**1.17**	**1.35**	**1.37**	**1.95**	**1.39**	**1.09**	**1.32**	**1.22**

Table 9. Soil Summary - Radionuclides
Conceptual Site Model - Additional Samplin
TIMET
Henderson, Nevada

		Site Area	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement	SoilManagement
		Location	SW-B-1	SW-B-2	SW-B-3	SW-B-4	TR-B-1	TR-B-2
		Sample Name	SW-B-1	SW-B-2	SW-B-3	SW-B-4	TR-B-1	TR-B-2
		Start Depth	0	0	0	0	0	0
		End Depth	30	29	30	30	30	30
		Depth Units	ft	ft	ft	ft	ft	ft
		Sample Date	12/16/2013	12/16/2013	12/17/2013	12/17/2013	12/13/2013	12/16/2013
		Parent Sample						
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**						
Thorium	pCi/g		2.16	1.25	1.74	1.93	2.18	1.57
Thorium-228	pCi/g	**0.025**	**2.09**	**1.52**	**1.7**	**1.46**	**1.83**	**1.5**
Thorium-230	pCi/g	**8.3**	1.39	1.35	1.42	1.23	1.64	1.07
Uranium-234	pCi/g	**11**	1.21	1.09	1.12	1.16	1.4	1.25
Uranium-235	pCi/g	**0.35**	0.0936	0.0755	0.109	0.0587	0.0441 U	0.0681
Uranium-238	pci/g	**1.4**	1.16	1.16	1.1	1	1.12	0.913
GROSS ALPHA	pCi/g		23.1	27.6	23.9	24.6	25.3	27.1
GROSS BETA	pCi/g		26.2	25.4	35.8	31.1	32.6	21.3
Actinium-228	pCi/g		2.23	2.14	1.34	1.73	2.25	1.79
Bismuth-210M	pCi/g		0.145	0.111	0.121	0.135	0.184 U	0.122
Bismuth-212	pCi/g		1.64	1.25	3.19	2.19	2.09 U	2.36
Bismuth-214	pCi/g		1.24	1.15	1.3	1.11	1.56	1.45
Cesium-134	pCi/g		0.234	0.115	0.261	0.0584	0.443 U	0.0375
Cesium-137	pCi/g		0.106	0.101	0.0958	0.095	0.191 U	0.0919
Cobalt-57	pCi/g		0.0611	0.0605	0.0581	0.0676	0.0979 U	0.0709
Cobalt-60	pCi/g		0.107	0.0826	0.0979	0.113	0.285 U	0.117
Lead-212	pCi/g		1.6	1.74	1.8	1.68	1.83	1.84
Lead-214	pCi/g		1.47	1.26	1.35	1.16	1.62	1.15
Potassium-40	pCi/g		25.5	22.4	23.8	25.9	25.8	25.5
Protactinium-231	pCi/g		2.78	1.78	2.56	2.54	3.9 U	2.75
Protactinium-234m	pCi/g		0.387	0.308	0.335	0.36	0.494 U	0.239
Radium-224	pCi/g		3.99	1.94	2.11	2.05	2.69 U	2.45
Thallium-208	pCi/g		0.609	0.592	0.619	0.601	0.827	0.728
Thorium-227	pCi/g		1.35	1.63	0.819	5.44	1.63 U	0.535
Thorium-234	pCi/g		2.84	2.26	2.17	2.46	3.72	2.71
Radium-226	pCi/g	**0.023**	**1.31**	**1.12**	**1.73**	**1.06**	**1.55**	**1.02**
Radium-228	pCi/g	**0.041**	**1.05**	**1.17**	**1**	**0.727**	**1.16**	**1.2**

Table 10. Soil Summary - SVOCs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	SoutheastProperty	SoutheastProperty	SoutheastProperty	SoutheastProperty	SoutheastProperty
		Location	K53-B-1	K53-B-1	K53-B-1	RD-B-1	RD-B-1
		Sample Name	K53-B-1_SS	K53-B-1_SUB	K53-B-1_SUB DUP	RD-B-1_SS	RD-B-1_SUB
		Start Depth	0	2	2	0	10
		End Depth	0.5	6	6	0.5	15
		Depth Units	ft	ft	ft	ft	ft
		Sample Date	12/5/2013	12/5/2013	12/5/2013	12/5/2013	12/5/2013
		Parent Sample			K53-B-1_SUB_12/05/13		
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**					
1,2,4,5-Tetrachlorobenzene	mg/Kg	205	0.53 U	0.052 U	0.054 U	0.052 U	0.05 U
1,2-Diphenylhydrazine	mg/Kg	2.39	0.24 U	0.023 U	0.024 U	0.023 U	0.023 U
1,4-Dioxane	mg/Kg	19.2	0.71 U	0.07 U	0.072 U	0.07 U	0.068 U
2,4,5-Trichlorophenol	mg/Kg	68400	0.11 U	0.011 U	0.011 U	0.011 U	0.01 U
2,4,6-Trichlorophenol	mg/Kg	174	0.11 U	0.011 U	0.011 U	0.011 U	0.01 U
2,4-Dichlorophenol	mg/Kg	2050	0.11 U	0.011 U	0.011 U	0.011 U	0.01 U
2,4-Dimethylphenol	mg/Kg	13700	0.71 U	0.07 U	0.072 U	0.07 U	0.068 U
2,4-Dinitrophenol	mg/Kg	1370	3.6 U	0.35 U	0.37 U	0.35 U	0.34 U
2,4-Dinitrotoluene	mg/Kg	6.18	0.71 U	0.07 U	0.072 U	0.07 U	0.068 U
2,6-Dinitrotoluene	mg/Kg	684	0.3 U	0.03 U	0.031 U	0.03 U	0.029 U
2-Chloronaphthalene	mg/Kg	389	0.11 U	0.011 U	0.011 U	0.011 U	0.01 U
2-Chlorophenol	mg/Kg	1670	0.23 U	0.022 U	0.023 U	0.022 U	0.022 U
2-Methylnaphthalene	mg/Kg		0.2 U	0.02 U	0.021 U	0.02 U	0.02 U
2-Nitroaniline	mg/Kg	2050	0.54 U	0.053 U	0.055 U	0.053 U	0.051 U
2-Nitrophenol	mg/Kg		0.11 U	0.011 U	0.011 U	0.011 U	0.01 U
3,3-Dichlorobenzidine	mg/Kg	4.26	0.97 U	0.095 U	0.099 U	0.095 U	0.093 U
3,4-Methylphenol (m,p-Cresol)	mg/Kg	3420	0.35 U	0.035 U	0.036 U	0.035 U	0.034 U
3-Nitroaniline	mg/Kg		0.78 U	0.077 U	0.08 U	0.077 U	0.075 U
4-Bromophenyl phenyl ether	mg/Kg		0.2 U	0.02 U	0.021 U	0.02 U	0.02 U
4-Chloro-3-methylphenol	mg/Kg		0.71 U	0.07 U	0.072 U	0.07 U	0.068 U
4-Chloroaniline	mg/Kg	9.58	0.88 U	0.087 U	0.09 U	0.086 U	0.084 U
4-Chlorophenyl phenyl ether	mg/Kg		0.23 U	0.022 U	0.023 U	0.022 U	0.022 U
4-Nitroaniline	mg/Kg		0.78 U	0.077 U	0.079 U	0.076 U	0.075 U
4-Nitrophenol	mg/Kg	5470	1 U	0.1 U	0.11 U	0.1 U	0.1 U
Acenaphthene	mg/Kg	2560	0.11 U	0.011 U	0.011 U	0.011 U	0.011 U
Acenaphthylene	mg/Kg	147	0.18 U	0.018 U	0.019 U	0.018 U	0.017 U
Acetophenone	mg/Kg	1740	0.21 U	0.021 U	0.022 U	0.021 U	0.021 U
Aniline	mg/Kg	336	1.4 U	0.14 U	0.14 U	0.14 U	0.13 U
Anthracene	mg/Kg	9920	0.18 U	0.018 U	0.019 U	0.018 U	0.017 U
Azobenzene	mg/Kg	15.9	0.24 U	0.023 U	0.024 U	0.023 U	0.023 U
Benzo(a)anthracene	mg/Kg	2.34	0.21 U	0.021 U	0.022 U	0.021 U	0.021 U
Benzo(a)pyrene	mg/Kg	0.23	0.21 U	0.021 U	0.022 U	0.021 U	0.021 U
Benzo(b)fluoranthene	mg/Kg	2.34	0.28 U	0.028 U	0.029 U	0.028 U	0.027 U
Benzo(g,h,i)perylene	mg/Kg	34100	0.17 U	0.017 U	0.018 U	0.017 U	0.016 U
Benzo(k)fluoranthene	mg/Kg	23.4	0.43 U	0.042 U	0.044 U	0.042 U	0.041 U
Benzoic acid	mg/Kg	100000	3.5 U	0.35 U	0.36 U	0.35 U	0.34 U
Benzyl alcohol	mg/Kg	100000	0.11 U	0.011 U	0.011 U	0.011 U	0.01 U
Bis(2-chloroethoxy)methane	mg/Kg		0.25 U	0.024 U	0.025 U	0.024 U	0.024 U
Bis(2-chloroethyl)ether	mg/Kg	1.3	0.18 U	0.018 U	0.018 U	0.017 U	0.017 U
Bis(2-ethylhexyl)phthalate	mg/Kg	137	0.49 U	0.049 U	0.05 U	0.048 U	0.047 U
Bis(chloroisopropyl)ether	mg/Kg	18	0.25 U	0.024 U	0.025 U	0.024 U	0.024 U
Butyl benzyl phthalate	mg/Kg	240	0.46 U	0.046 U	0.047 U	0.045 U	0.044 U
Carbazole	mg/Kg	95.8	0.39 U	0.038 U	0.039 U	0.038 U	0.037 U
Chrysene	mg/Kg	234	0.29 U	0.029 U	0.03 U	0.028 U	0.028 U
Dibenz(a,h)anthracene	mg/Kg	0.23	0.2 U	0.02 U	0.021 U	0.02 U	0.02 U
Dibenzofuran	mg/Kg	2270	0.21 U	0.021 U	0.022 U	0.021 U	0.021 U
Diethyl phthalate	mg/Kg	100000	0.28 U	0.028 U	0.029 U	0.027 U	0.027 U
Dimethyl phthalate	mg/Kg	100000	0.25 U	0.34 J	0.2 J	0.041 J	0.16 J
Di-n-butyl phthalate	mg/Kg	68400	0.31 U	0.031 U	0.032 U	0.031 U	0.03 U
Di-n-octyl phthalate	mg/Kg		0.15 U	0.015 U	0.016 U	0.015 U	0.015 U
Fluoranthene	mg/Kg	24400	0.39 U	0.038 U	0.039 U	0.038 U	0.037 U
Fluorene	mg/Kg	3670	0.19 U	0.019 U	0.02 U	0.019 U	0.019 U
Hexachlorobenzene	mg/Kg	1.2	0.31 U	0.031 U	0.032 U	0.031 U	0.03 U
Hexachlorobutadiene	mg/Kg	24.6	0.11 U	0.011 U	0.011 U	0.011 U	0.01 U
Hexachlorocyclopentadiene	mg/Kg	4090	0.54 U	0.053 U	0.055 U	0.053 U	0.051 U
Hexachloroethane	mg/Kg	137	0.23 U	0.023 U	0.023 U	0.022 U	0.022 U
Indeno(1,2,3-cd)pyrene	mg/Kg	2.34	0.24 U	0.023 U	0.024 U	0.023 U	0.023 U
Isophorone	mg/Kg	2020	0.18 U	0.018 U	0.019 U	0.018 U	0.017 U
Naphthalene	mg/Kg	17.4	0.33 U	0.033 U	0.034 U	0.033 U	0.032 U
Nitrobenzene	mg/Kg	15.1	0.24 U	0.023 U	0.024 U	0.023 U	0.023 U
N-Nitrosodi-n-propylamine (NDPA)	mg/Kg	0.27	0.33 U	0.033 U	0.034 U	0.033 U	0.032 U
N-Nitrosodiphenylamine (NDFA)	mg/Kg	391	0.23 U	0.022 U	0.023 U	0.022 U	0.022 U
Pentachlorobenzene	mg/Kg	547	0.7 U	0.069 U	0.071 U	0.069 U	0.067 U
Pentachlorophenol	mg/Kg	3	3.5 U	0.35 U	0.36 U	0.35 U	0.34 U
Phenanthrene	mg/Kg	24.5	0.18 U	0.018 U	0.019 U	0.018 U	0.017 U
Phenol	mg/Kg	100000	0.19 U	0.019 U	0.02 U	0.019 U	0.019 U
Phthalic acid	mg/Kg	100000	8.2 U	0.81 U	0.83 U	0.8 U	0.78 U
Pyrene	mg/Kg	19300	0.13 U	0.013 U	0.013 U	0.015 J	0.012 U

Table 11. Soil Summary - VOCs
Conceptual Site Model - Additional Sampling 2013
TIMET
Henderson, Nevada

		Site Area	HP1	HP1	HP1	HP1	SoutheastProperty	SoutheastProperty	SoutheastProperty
		Location	HP1-1	HP1-4	HP1-4	HP1-6	K53-B-1	K53-B-1	RD-B-1
		Sample Name	HP1-1-2	DUP 2	HP1-4-2	HP1-6-2	K53-B-1_SUB	K53-B-1_SUB DUP	RD-B-1_SUB
		Start Depth	1.8	1.9	1.9	2	2	2	10
		End Depth	2.3	2.5	2.5	2.5	6	6	15
		Depth Units	ft below liner	ft below liner	ft below liner	ft below liner	ft	ft	ft
		Sample Date	7/10/2013	7/10/2013	7/10/2013	7/10/2013	12/5/2013	12/5/2013	12/5/2013
		Parent Sample		HP1-4-2_07/10/13				K53-B-1_SUB_12/05/13	
Chemical Name	**Units**	**NDEP Industrial Outdoor Worker BCL**							
1,1,1,2-Tetrachloroethane	mg/Kg	20.3	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0004 U	0.00053 U	0.00034 U
1,1,1-Trichloroethane	mg/Kg	1390	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00049 U	0.00065 U	0.00042 U
1,1,2,2-Tetrachloroethane	mg/Kg	2.59	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00045 U	0.00061 U	0.00039 U
1,1,2-Trichloroethane	mg/Kg	5.8	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00065 U	0.00087 U	0.00055 U
1,1-Dichloroethane	mg/Kg	23.3	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00044 U	0.00059 U	0.00038 U
1,1-Dichloroethene	mg/Kg	1400	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0018 U	0.0024 U	0.0016 U
1,1-Dichloropropene	mg/Kg		0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00034 U	0.00046 U	0.00029 U
1,2,3-Trichlorobenzene	mg/Kg		0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0005 U	0.00067 U	0.00043 U
1,2,3-Trichloropropane	mg/Kg	0.11	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00064 U	0.00085 U	0.00054 U
1,2,4-Trichlorobenzene	mg/Kg	110	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00049 U	0.00065 U	0.00042 U
1,2,4-Trimethylbenzene	mg/Kg	671	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00068 U	0.00091 U	0.00058 U
1,2-Dichlorobenzene	mg/Kg	373	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00032 U	0.00043 U	0.00027 U
1,2-Dichloroethane	mg/Kg	2.41	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00099 U	0.0013 U	0.00084 U
1,2-Dichloropropane	mg/Kg	4.54	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00043 U	0.00058 U	0.00037 U
1,3,5-Trimethylbenzene	mg/Kg	254	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00035 U	0.00047 U	0.0003 U
1,3-Dichlorobenzene	mg/Kg	373	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00032 U	0.00043 U	0.00027 U
1,3-Dichloropropane	mg/Kg	71.6	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00036 U	0.00049 U	0.00031 U
1,4-Dichlorobenzene	mg/Kg	14.3	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00068 U	0.00091 U	0.00058 U
2,2-Dichloropropane	mg/Kg		0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00061 UJ-	0.00082 UJ-	0.00052 UJ-
2-Chlorotoluene (o-Chlorotoluene)	mg/Kg	511	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00039 U	0.00052 U	0.00033 U
2-Hexanone	mg/Kg	2150	0.022 UJ-	0.021 UJ-	0.021 UJ-	0.021 UJ-	0.002 UJ	0.0027 UJ	0.0017 UJ
4-Chlorotoluene (p-Chlorotoluene)	mg/Kg		0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00043 U	0.00058 U	0.00037 U
4-Isopropyltoluene	mg/Kg	647	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00036 U	0.00049 U	0.00031 U
4-Methyl-2-pentanone (MIBK)	mg/Kg	17200	0.022 UJ-	0.021 UJ-	0.021 UJ-	0.021 UJ-	0.00083 U	0.0011 U	0.00071 U
Acetone	mg/Kg	100000	0.0087 J	0.018 J	0.019 J	0.0096 J	0.04	0.048	0.019 J+
Acetonitrile	mg/Kg	6840	0.054 R	0.052 R	0.053 R	0.053 R	0.023 R	0.031 R	0.02 R
Benzene	mg/Kg	4.5	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00028 U	0.00038 U	0.00024 U
Bromobenzene	mg/Kg	695	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00042 U	0.00056 U	0.00036 U
Bromochloromethane	mg/Kg		0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00093 U	0.0012 U	0.00079 U
Bromodichloromethane	mg/Kg	3.6	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00028 U	0.00038 U	0.00024 U
Bromoform	mg/Kg	242	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00042 U	0.00056 U	0.00036 U
Bromomethane	mg/Kg	42.9	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0013 U	0.0017 U	0.0011 U
Carbon disulfide	mg/Kg	721	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00078 UJ-	0.001 U	0.00067 U
Carbon tetrachloride	mg/Kg	4.07	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00058 U	0.00077 U	0.00049 U
Chlorobenzene	mg/Kg	695	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00043 U	0.00058 U	0.00037 U
Chloroethane	mg/Kg	1100	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00059 U	0.00079 U	0.0005 U
Chloroform	mg/Kg	1.71	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00043 U	0.00058 U	0.00037 U
Chloromethane	mg/Kg	8.95	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00074 U	0.00099 U	0.00063 U
cis-1,2-Dichloroethene	mg/Kg	791	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00068 U	0.00091 U	0.00058 U
cis-1,3-Dichloropropene	mg/Kg		0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00068 U	0.00091 U	0.00058 U
Dibromochloromethane	mg/Kg	6.15	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00047 U	0.00062 U	0.0004 U
Dibromomethane	mg/Kg	210	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0011 U	0.0015 U	0.00094 U
Dichlorodifluoromethane (Freon 12)	mg/Kg	340	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0015 UJ-	0.002 U	0.0013 U
Ethanol	mg/Kg	100000	0.22 R	0.21 R	0.21 R	0.21 R	0.07 R	0.093 R	0.059 R
Ethylbenzene	mg/Kg	21	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00034 U	0.00046 U	0.00029 U
Iodomethane	mg/Kg	1680	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0017 U	0.0023 U	0.0015 U
Isopropyl benzene	mg/Kg	647	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0003 U	0.00039 U	0.00025 U
m/p-Xylene	mg/Kg		--	--	--	--	0.00065 U	0.00087 U	0.00055 U
Methyl ethyl ketone (2-Butanone)	mg/Kg	34100	0.022 UJ-	0.021 UJ-	0.021 UJ-	0.021 UJ-	0.0066 J	0.0029 U	0.0019 U
Methyl tert-butyl ether (MTBE)	mg/Kg	216	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00055 U	0.00073 U	0.00046 U
Methylene chloride	mg/Kg	60.4	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0018 U	0.0024 U	0.0015 U
Naphthalene	mg/Kg	17.4	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00056 U	0.00074 U	0.00047 U
n-Butylbenzene	mg/Kg	237	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00068 U	0.00091 U	0.00058 U
n-Propylbenzene	mg/Kg	237	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00036 U	0.00049 U	0.00031 U
o-Xylene	mg/Kg	282	--	--	--	--	0.00039 U	0.00052 U	0.00033 U
sec-Butylbenzene	mg/Kg	223	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00035 U	0.00047 U	0.0003 U
Styrene	mg/Kg	1730	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0004 U	0.00053 U	0.00034 U
tert-Butylbenzene	mg/Kg	393	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00035 U	0.00047 U	0.0003 U
Tetrachloroethene (PCE)	mg/Kg	3.28	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0027 J	0.0029 J	0.0018 J
Toluene	mg/Kg	521	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0008 U	0.0011 U	0.00068 U
Total Xylene	mg/Kg	214	0.01 UJ-	0.01 UJ-	0.01 UJ-	0.01 UJ-	0.00097 U	0.0013 U	0.00082 U
trans-1,2-Dichloroethene	mg/Kg	600	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0011 U	0.0014 U	0.00091 U
trans-1,3-Dichloropropene	mg/Kg		0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.0004 U	0.00053 U	0.00034 U
Trichloroethene (TCE)	mg/Kg	5.49	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00044 U	0.00059 U	0.00038 U
Trichlorofluoromethane (Freon 11)	mg/Kg	1980	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00057 U	0.00076 U	0.00048 U
Vinyl acetate	mg/Kg	2710	0.022 UJ-	0.021 UJ-	0.021 UJ-	0.021 UJ-	0.00089 U	0.0012 U	0.00075 U
Vinyl chloride	mg/Kg	1.86	0.0054 UJ-	0.0052 UJ-	0.0053 UJ-	0.0053 UJ-	0.00049 U	0.00065 U	0.00042 U

U - analyte not detected above referenced laboratory limit
+/- - suspected high or low bias
UJ - analyte not detected above referenced laboratory limit; reporting limit may be inaccruate or imprecise
B - blank contamination
J - estimated concentration
G - The reported quantitation limit has been raised due to an exhibited elevated noice or matrix interference
q - The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. Themeasured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
E - Result exceeded calibration range.
H - analytical holding time exceeded
* LCS or LCSD exceeds the control limits
bold - analyte concentration exceeds action level

Appendix B

Beta Ditch Confirmation Sample Results

Table 1. Beta Ditch Confirmation Samples
Beta Ditch Remediation
TIMET, Henderson, NV

		Location Name	BD-1		BD-13		BD-16		BD-17		BD-2		BD-2		BD-3		BD-4		BD-5		NW-1	
		Sample Name	BD-1		BD-13		BD-16		BD-17		BD-2		Duplicate Beta Ditch 2		BD-3		BD-4		BD-5		NW-1	
		Sample Date	9/25/2013		9/23/2013		9/25/2013		9/25/2013		9/25/2013		9/25/2013		9/25/2013		9/25/2013		9/23/2013		9/23/2013	
Analyte	**Units**	**Outdoor Industrial Worker BCL**																				
PCB CONGENERS																						
Total PCBs (Lab calculated)	mg/kg	0.83	0.0549	J	0.0202	J	0.513	J	0.814	J	0.761	J	0.515	J	**6.28**	J	**1.06**	J	0.118	J	**0.883**	J
Total TEQ-PCB Congener Only	mg/kg	NS	0.00000602	J	0.000000108		0.0000618		0.000105		0.0000713		0.0000542	J	0.000852		0.000114		0.0000189	J	0.000101	
METALS																						
Niobium	mg/kg	114	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SVOCS																						
Hexachlorobenzene	mg/kg	1.2	0.27	J	0.35	U	NT		NT		NT		NT		**55**		NT		0.49	J+	NT	
DIOXINS & FURANS																						
Total TEQ-Dioxin/Furan only	mg/kg	NS	NT		0.00000193		0.00575	J	0.00528		0.00593		0.00466		0.0956		0.0104		0.00135			
Total TEQ - Dioxin/Furan and PCB Congener	pg/g	2700	6.02		2.04		**5812**	J	**5385**		**6001**		**4714**		**96452**		**10514**		1369		101	

General Notes:

1. NT = Not tested for this analyte.
2. mg/kg = milligrams per kilogram
3. pg/g = picograms per gram
4. PCBs - polychlorinated biphenyls
5. SVOCs = semi-volatile organic compounds
6. NS = No standard established
7. BCL for Niobium is from April 2013 NDEP Basic Comparison Levels (BCLs) Update, other BCLs are from the January 2013 document.
8. Gray shading and bolding indicates that the detected result value exceeds the BCL.

Data Qualifiers:

J - estimated value
U - indicates not detected to the reporting limit

Table 1. Beta Ditch Confirmation Samples
Beta Ditch Remediation
TIMET, Henderson, NV

		Location Name	NW-11		NW-17		NW-2		NW-20		NW-23		NW-24		NW-24		NW-5		NW-8		NW-9	
		Sample Name	NW-11		NW-17		NW-2		NW-20		NW-23		Duplicate Beta Ditch		NW-24		NW-5		NW-8		NW-9	
		Sample Date	9/4/2013		8/23/2013		9/23/2013		9/23/2013		9/12/2013		8/23/2013		8/23/2013		9/4/2013		8/23/2013		9/4/2013	
Analyte	**Units**	**Outdoor Industrial Worker BCL**																				
PCB CONGENERS																						
Total PCBs (Lab calculated)	mg/kg	0.83	**1.03**	J	0.523	J	**0.885**	J	NT		0.00931	J	0.359	J	0.384	J	0.00515	J	NT		NT	
Total TEQ-PCB Congener Only	mg/kg	NS	0.000195	J	0.000138		0.000114		NT		0.00000115		0.0000636		0.000057		5.03E-09	J	NT		NT	
METALS																						
Niobium	mg/kg	114	34	J+	NT		NT		NT		NT		12		14		NT		2		NT	
SVOCS																						
Hexachlorobenzene	mg/kg	1.2	NT		NT		NT		NT		0.16	J	0.36	U	0.37	U	0.37	U	**5.2**		NT	
DIOXINS & FURANS																						
Total TEQ-Dioxin/Furan only	mg/kg	NS					0.0105		0.0148		0.000087	J	0.000468		0.000542	J	0.0000412		0.00632		0.00146	J
Total TEQ - Dioxin/Furan and PCB Congener	pg/g	2700	195		138		**10614**		**14800**		88.2	J	532		599	J	41.2		**6320**		1460	J

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