

**Final
Investigation Report
Igloo Block A
Parcel 9**

Fort Wingate Depot Activity
McKinley County, New Mexico

July, 2018



Prepared for:

Fort Wingate Depot Activity
McKinley County, New Mexico

Prepared by:

United States Army Corps of Engineers
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14. ABSTRACT
This Investigation Report for Parcel 9 at Fort Wingate Depot Activity (FWDA) is to provide the results of the sampling efforts that were performed in Parcel 9, Igloo Block A, in 2008 and 2010 in response to New Mexico Environment Department (NMED) comments in a Disapproval letter dated March 8, 2018, for the Final RCRA Facility Investigation Work Plan Parcel 9, Revision 1, dated December 15, 2017.

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JULY 2018

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Mr. Steven W. Smith, P.E.
Fort Wingate Program Manager

PREFACE

This Resource Conservation and Recovery Act Investigation Report summarizes field operations completed in September through December 2008, and October 2010 for Parcel 9, Igloo Block A, defined in the *Sampling and Analysis Plan, Igloo Blocks A, C, and D, Parcels 24, 9, 4, and 22, Fort Wingate Depot Activity, New Mexico*, dated May 24, 2010. This Investigation Report addresses the requirements of the U.S. Army Corps of Engineers (USACE) Sampling and Analysis Plan dated May 24, 2010. This Report was prepared by USACE in July 2018. Mr. Mark Patterson served as the FWDA Base Realignment and Closure (BRAC) Environmental Director and Mr. Saqib Khan served as the USACE Tulsa District Project Manager.

Angie Lane
Project Manager

Mike Scoville
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BEC – Base Realignment and Closure Environmental Coordinator
 BRACD – U.S. Army Base Realignment and Closure Division
 FWDA – Fort Wingate Depot Activity
 NM – New Mexico
 OH - Ohio
 USACE ERDC – U.S. Army Corps of Engineers, Engineer Research and Development Center
 USACE SWF – U.S. Army Corps of Engineers – Fort Worth District
 USACE SWT – U.S. Army Corps of Engineers – Tulsa District

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ACRONYMS AND ABBREVIATIONS

1		
2		
3		
4	ADC	Alternate Daily Cover
5		
6	AOC	Areas of Concern
7		
8	ASTM	American Society for Testing Materials, International
9		
10	BEC	Base Realignment and Closure Coordinator
11	BRAC	Base Realignment and Closure
12	BRACD	Base Realignment and Closure Division
13	COPCs	Chemicals of Potential Concern
14	CY	cubic yard
15	EPA	United States Environmental Protection Agency
16	FWDA	Fort Wingate Depot Activity
17	GCAL	Gulf Coast Analytical Laboratories, LLC
18	mg/kg	milligram per kilogram
19	NELAP	National Environmental Laboratory Accreditation Program
20	NM	New Mexico
21	NMED	New Mexico Environment Department
22	NWNMRSWA	Northwest New Mexico Regional Solid Waste Authority
23	OH	Ohio
24	PPE	Personal Protective Equipment
25	PWS	Performance Work Statement
26	QCSR	Quality Control Summary Report
27	RCRA	Resource Conservation and Recovery Act
28	SAP	Sampling and Analysis Plan
29	SSL	Soil Screening Level
30	SWMU	Solid Waste Management Units
31	TCLP	Toxicity Characteristic Leaching Procedure
32	USACE	United States Army Corps of Engineers

1 **ACRONYMS AND ABBREVIATIONS (CONTINUED)**

2

3 USACE ERDC United States Army Corps of Engineers, Engineer Research
4 and Development Center

5 USACE SWF United States Army Corps of Engineers – Fort Worth District

6 USACE SWT United States Army Corps of Engineers, Tulsa District

7 XRF X-Ray Fluorescence

8

1 **EXECUTIVE SUMMARY**

2 The purpose of this Investigation Report is to provide the results of the sampling efforts
3 that were performed in Parcel 9, Igloo Block A, in 2008 and 2010 in response to New
4 Mexico Environment Department (NMED) comments in a Disapproval letter dated
5 March 8, 2018, for the *Final RCRA Facility Investigation Work Plan Parcel 9, Revision*
6 *1*, dated December 15, 2017. The 2010 sampling was conducted per the NMED Approval
7 with Direction letter dated August 2, 2010 for the *Sampling and Analysis Plan for Igloo*
8 *Blocks A, C, and D, Parcels 24, 9, 4 and 22* (Work Plan), dated May 24, 2010. The
9 Permit defines AOC 18 as Igloo Block A and this igloo block was divided into Parcels 9
10 and 24 under the Department of the Interior (DOI) reuse plan.

11
12 Based on review and assessment of available historical information, no known wastes or
13 contaminants were released at AOC 18; however, due to the limited data available, a
14 decision was made by Fort Wingate Depot Activity (FWDA) to conduct soil sampling at
15 100% of the igloos and revetments in A-Block in September 2008. This included 77
16 igloos and 70 of the 71 revetments in Parcel 24 (Y-A925-F could not be sampled because
17 the site has been destroyed by an arroyo) and 23 igloos and 10 revetments in Parcel 9.
18 However, only Parcel 9 is discussed in this report. The samples were analyzed for lead
19 and explosives. Based on the historical use of the site as munitions storage, explosives
20 and lead were considered the only contaminants of potential concern (COPCs).

21
22 Sampling at igloos and revetments within Parcel 9, Igloo Block A, was completed in
23 September through December 2008 for explosives by EPA Method 8330B and RCRA
24 Metals by EPA Methods 7471 and 6010.

25
26 Incremental Sampling Methodology (MI) samples were collected from drainages around
27 the apron at all 23 igloos. Detections of lead ranged from 12.7 mg/kg to 68.3 mg/kg;
28 there were no detections exceeding the NMED Soil Screening Level (SSL) of 400 mg/kg.
29 None of the explosives constituents were detected above NMED Soil Screening Levels
30 (SSLs) or EPA Regional Screening Levels (RSLs).

31
32 Composite samples were taken at the drains at 23 igloos. Detections of lead ranged from
33 72.6 mg/kg to 2,650 mg/kg with fourteen detections over the NMED SSL of 400 mg/kg.
34 None of the explosives constituents were detected above NMED SSLs or EPA RSLs. MI
35 samples were collected at all 10 revetments. Detections of lead ranged from 9.9 mg/kg to
36 16.5 mg/kg; there were no detections of lead exceeding the NMED SSL of 400 mg/kg.
37 None of the explosives constituents were detected above NMED SSLs or EPA RSLs.

38
39 After review of the *Release Assessment Report for Parcel 4A Igloo Block C, Final*,
40 NMED approved the report with direction and required a re-sample event at any Igloo
41 Block C location where lead was detected at concentrations between 200 and 400 mg/kg.
42 In response to the NMED comments within the Approval with Direction letter regarding
43 lead concentrations in these soils from previous sampling events for Igloo Block C, the

1 Army decided to use this same process to re-sample Igloo Block A within Parcel 24 and
2 9. Only Parcel 9 is discussed in this report.

3
4 Based on the October 2010 re-sample investigation results for 8 RCRA metals at AOC 18
5 within Parcel 9, none of the samples exceeded the NMED SSL for residential soils with
6 the exception of four X-Ray Fluorescence (XRF) sampling results for lead, one XRF
7 sampling result for arsenic, two confirmation sampling results for lead, and one
8 confirmation sampling result for arsenic.

9
10 A portable XRF instrument was used to analyze soil beneath each of two drain outfalls at
11 19 igloos within Igloo Block A for a total of 38 XRF analyses where previous lead
12 detections were between 200 and 400 mg/kg. Although there were 38 XRF analyses, the
13 XRF reading results did not correlate well with the laboratory confirmation results. The
14 most likely source of the variance is sample heterogeneity caused by the differences in
15 the composition of particles and the non-random distribution of particles that make up the
16 sample matrix. Due to the heterogeneous nature of soil samples, in-situ XRF analysis can
17 provide only screening type data. Therefore, the data collected by the field portable XRF
18 instrument was used as a screening tool only to guide decision making in the field
19 regarding the need for additional soil removal.

20
21 Of the 23 igloos, the igloo sites that did not exceed the NMED SSLs or EPA RSLs during
22 any sampling event were A-978, A-982, A-984, A-985, A-990, A-995, and A-997. Every
23 other igloo drain site is considered contaminated with either lead or arsenic and will have
24 to undergo remedial action. Although some similar sites have already undergone site
25 remediation in the form of contaminated soils or drainage pipe removal; this site has only
26 been tested for the removal efforts.

27
28 Based on initial September 2008 data and October 2010 XRF readings or confirmation
29 sample results over the NMED soil screening criteria for lead and/or arsenic, recommend
30 soil removal under both drains at A-979, A-980, A-981, A-983, A-986, A-988, A-989,
31 A-992, A-993, A-994, A-996, A-998, A-999, and A-1000. Due to the inconsistencies
32 found in data comparison between the lab data and XRF data, the Army elects to remove
33 soil from both drains on all of the igloos listed above. Based on an October 2010 XRF
34 reading or confirmation sample result for lead or arsenic over the NMED soil screening
35 criteria, soil would be removed as follows: right side of A-987 and left side of A-991. In
36 addition, the lead-based paint contaminated drain pipes from each side of all of the igloos
37 should be removed.

38
39 The Army proposes removing a few inches of soil from each of these igloo drain outfalls,
40 estimated to be approximately ¼ cubic yard per drain, where the metals concentrations
41 exceed the NMED residential SSLs until confirmation sampling under the removed soils
42 is below the NMED residential SSLs. At that point the remaining excavation can be filled
43 with clean borrow, while the contaminated material will be stored in rolloffs until waste
44 characterization sampling determines its final deposition.

1 **1.0 Introduction:**

2
3 The purpose of this Investigation Report is to provide the results of the sampling efforts
4 that were performed in Parcel 9, Igloo Block A, in 2008 and 2010 in response to New
5 Mexico Environment Department (NMED) comments in a Disapproval letter dated
6 March 8, 2018, for the *Final RCRA Facility Investigation Work Plan Parcel 9, Revision*
7 *1*, dated December 15, 2017. The 2010 sampling was conducted per the NMED Approval
8 with Direction letter dated August 2, 2010 for the *Sampling and Analysis Plan for Igloo*
9 *Blocks A, C, and D, Parcels 24, 9, 4 and 22* (Work Plan), dated May 24, 2010. The letter
10 Work Plan was prepared in response to NMED's comments in a letter dated July 22,
11 2009 for the *Release Assessment Report for Parcel 4A Igloo Block C, Final* dated March
12 27, 2009, regarding lead concentrations in these soils reported from previous sampling
13 events. A complete list of igloo re-sample locations within Igloo Block A based on the
14 September 2008 sampling event results is included in the letter Work Plan. A total of 19
15 igloos from Parcel 9 were re-sampled within Igloo Block A. No revetments required re-
16 sampling within Igloo Block A. Area of Concern (AOC) 18, Parcel 9 structures are
17 shown in Table 1 at the end of this report.

18
19 **1.1 Site Background:**

20
21 The FWDA is located in McKinley County in northwestern New Mexico, approximately
22 130 miles west of Albuquerque on Interstate 40 and approximately 30 miles east of New
23 Mexico Arizona border. The FWDA is almost entirely surrounded by federally-owned or
24 administered lands, including both national forest and tribal lands. The town of Fort
25 Wingate located immediately to the east of the FWDA on Native American land, was the
26 original fort headquarters site. To the south and southeast of the FWDA is the largely-
27 undeveloped Cibola National Forest.

28
29 The FWDA is a closed U.S. Army depot that currently occupies approximately 24 square
30 miles (approximately 12774 acres) of land in northwestern New Mexico in McKinley
31 County. The FWDA contains facilities formerly used to operate a reserve storage activity
32 for the care, prevention, and minor maintenance of assigned commodities, primarily
33 conventional military munitions. The installation's mission consisted of the disassembly
34 and demilitarization of unserviceable and obsolete military munitions. Ammunition
35 maintenance facilities existed for the clipping, linking, and repackaging of small arms
36 ammunition.

37
38 Several investigations have been completed previously on various AOCs and Solid Waste
39 Management Units (SWMUs) in Parcel 9. A document titled, "Final Summary Report of
40 Historical Information, Parcel 9, Fort Wingate Depot Activity, McKinley County, New
41 Mexico", dated June 8, 2018 was submitted to NMED on June 8, 2018. This document
42 provides detail account of historic work conducted at Parcel 9 only.

43 This particular investigation included the igloos and revetments associated with Parcel 9,
44 Block A. See Figure 1, Site Location Map at the end of this report which shows how
45 Parcel 9 is situated at FWDA. Although some similar sites have already undergone site

1 remediation in the form of contaminated soils or drainage pipe removal, this site has only
2 been tested for the removal efforts.

3
4 **1.2 Data Quality Objectives:**

5
6 The objective of the 2008 sampling effort was to determine concentrations of site-related
7 chemicals of Potential Concern (COPCs), essentially lead and explosives. The objective
8 of the 2010 sampling effort was to determine concentrations of site-related COPCs which
9 were the eight Resource Conservation and Recovery Act (RCRA) metals; arsenic,
10 barium, cadmium, chromium, mercury, lead, selenium, and silver.

11
12 If concentrations of the site-related COPCs equal or exceed corresponding NMED soil
13 screening levels (SSLs) for residential soil or Environmental Protection Agency (EPA)
14 Regional Screening Levels (RSLs) if no NMED SSL was available, further action would
15 be warranted. On the other hand, if the concentrations of the site-related COPCs were
16 below NMED SSLs or EPA RSLs for residential soil, the government would propose no
17 further action at that site.

18
19 Past sampling results have found the potential COPC lead in the two drain outfalls at 19
20 igloo blocks inside of Parcel 9. Previous laboratory analyses of samples collected at these
21 igloos, which consisted of soil from beneath the two drain outfalls at each igloo
22 composited into one sample, indicated lead concentrations greater than one half of the
23 NMED SSL of 400 mg/kg for residential soil.

24
25 Data from this investigation had to meet the quality standards for the *Department of*
26 *Defense Quality Systems Manual for Environmental Laboratories*, Version 4.2 Final,
27 October 2010. Data quality has to meet 90% completeness as well as being suitable for
28 comparison to the NMED SSLs or EPA RSLs with 90% or less data precision or
29 accuracy qualifications.

1 **2.0 Scope of Field Activities**

2
3 Based on review and assessment of available historical information, no known wastes or
4 contaminants were released at AOC 18; however, due to the limited data available, a
5 decision was made by Fort Wingate Depot Activity (FWDA) to conduct soil sampling at
6 100% of the igloos and revetments in A-Block in September 2008. This included 77
7 igloos and 70 of the 71 revetments in Parcel 24 (Y-A925-F could not be sampled because
8 the site has been destroyed by an arroyo) and 23 igloos and 10 revetments in Parcel 9.
9 However, only Parcel 9 is discussed in this report. The samples were analyzed for lead
10 and explosives. Based on the historical use of the site as munitions storage, explosives
11 and lead were considered the only COPCs.

12
13 Sampling at the igloos and revetments within Parcel 9, Igloo Block A, was completed in
14 September through December 2008 for explosives by EPA Method 8330B and RCRA
15 Metals by EPA Methods 7471 and 6010.

16
17 This report discusses the initial September through December 2008 sampling event in A-
18 Block for Multi Increment (MI) samples collected at the revetments and MI and
19 composite samples collected at the igloos. It also documents re-sample events within A-
20 Block, which included using a field-portable X-Ray Fluorescence (XRF) instrument to
21 take in-situ soil readings for 8 RCRA metals at the igloo drain outfall locations with
22 detected lead levels between 200 and 400 mg/kg on October 4, 2010. Discrete samples
23 were collected at 20% of the XRF sample locations for confirmation by laboratory
24 analyses on October 6, 2010. A total of 85 igloos were re-sampled within Igloo Block A;
25 66 from Parcel 24 and 19 from Parcel 9. No revetments required re-sampling within Igloo
26 Block A. Only Parcel 9 results are discussed in this report. See Figure 2, Parcel 9 AOC
27 18, Igloo Block A, Igloo and Revetment Sampling Locations Map.

28
29 **2.1 Parcel 9 Igloo Block A September through December 2008 Sampling**

30
31 Soil sampling was conducted at AOC 18 in September, October, November, and
32 December, 2008 by USACE personnel. Soil samples were collected in accordance with,
33 *Sampling and Analysis Plan, Parcels 9 and 24, AOC 73 (Parcel 23) Fort Wingate*, dated
34 September 2008. This Sampling and Analysis Plan (SAP) described the general sample
35 collection procedures, packaging, shipping, and chain-of-custody requirements,
36 decontamination procedures, and had tables and figures depicting proposed sample
37 locations. The Army consulted with NMED prior to sampling.

38
39 MI samples were collected from drainages around the apron at all 23 igloos. The surface
40 soil samples (0-6 inches) that made up the MI sample were collected using a
41 decontaminated, stainless steel, 7/8" inside-diameter slotted push probe. One MI sample
42 was collected from each igloo made up of soil collected from a total of 15 individual
43 sample locations (sub-samples) with 5 samples taken from the areas on either side of the
44 driveway to the igloo and 5 samples taken from the drainage area on the opposite side of

1 the road. Sample locations were marked with a pin flag and were somewhat biased with
2 locations focused in drainage pathways or low areas.

3
4 Detections of lead ranged from 12.7 mg/kg to 68.3 mg/kg; there were no detections
5 exceeding the NMED Soil Screening Level (SSL) of 400 mg/kg. None of the explosives
6 constituents were detected above NMED Soil Screening Levels (SSLs) or EPA Regional
7 Screening Levels (RSLs).

8
9 To evaluate whether a release had occurred as a result of activities from inside the igloos,
10 composite samples were taken at the drains at 23 igloos. One composite sample was
11 collected at each igloo made up of one discrete soil sample collected from under each
12 drain outfall at either side of the igloo door. Decontaminated stainless steel spoons or
13 trowels were used to collect the samples.

14
15 Detections of lead ranged from 72.6 mg/kg to 2,650 mg/kg with fourteen detections over
16 the NMED SSL of 400 mg/kg. None of the explosives constituents were detected above
17 NMED SSLs or EPA RSLs.

18
19 One MI surface soil sample was collected from each of the 10 revetments made up of 10
20 sub-samples with locations selected using a systematic random pattern. Detections of lead
21 ranged from 9.9 mg/kg to 16.5 mg/kg; there were no detections of lead exceeding the
22 NMED SSL of 400 mg/kg. None of the explosives constituents were detected above
23 NMED SSLs or EPA RSLs.

24
25 After review of the *Release Assessment Report for Parcel 4A Igloo Block C, Final*, dated
26 March 27, 2009, NMED approved the report with direction in a letter dated July 22, 2009
27 and required a re-sample event at any Igloo Block C location where lead was detected at
28 concentrations between 200 and 400 mg/kg. In response to the NMED comments within
29 the Approval with Direction letter regarding lead concentrations in these soils from
30 previous sampling events for Igloo Block C, the Army decided to use this same process
31 to re-sample Igloo Block A within Parcel 24 and 9. At Parcel 9, Igloo Block A, the
32 sampling results from September through December 2008 that exceeded the NMED SSL
33 for lead detections are as follows: Igloos A-979 (2,650 mg/kg), A-980 (577 mg/kg), A-
34 981 (1,110 mg/kg), A-983 (427 mg/kg), A-986 (429 mg/kg), A-988 (440 mg/kg), A-989
35 (645 mg/kg), A-992 (476 mg/kg), A-993 (536 mg/kg), A-994 (860 mg/kg), A-996 (413
36 mg/kg), A-998 (703 mg/kg), A-999 (1,110 mg/kg), and A-1000 (at 1,070 mg/kg). Igloos
37 A-984, A-985, A-987, A-990, and A-991 all had lead results between 200 mg/kg and the
38 NMED SSL at 400 mg/kg. See Table 2 for results exceeding soil screening criteria and
39 Table 3 for all composite, MI, and confirmation sampling results.

40 41 **2.2 Parcel 9 Igloo Block A October 2010 Sampling**

42
43 The requirements and standards for the additional sampling at the Parcel 9 Igloos was
44 defined in the *Sampling and Analysis Plan, Igloo Blocks A, C, and D, Parcels 24, 9, 4,*
45 *and 22, Fort Wingate Depot Activity, New Mexico*, dated May 24, 2010. Per the approved

1 letter Work Plan, surface soil was analyzed by an XRF instrument in situ beneath each of
2 the two drain outfalls at a total of 129 igloos within Igloo Block A, C, and D.
3 Confirmation samples were collected at a 20% frequency in each igloo block and shipped
4 to an analytical laboratory. No revetments required re-sampling within Igloo Block A.

5
6 Soil sampling was conducted within Parcel 9, Igloo Block A, by USACE personnel.
7 Subsequent XRF samples were analyzed beneath each of two drain outfalls (labeled Left
8 and Right) at 19 igloos sampled previously that had composite lead results between 200
9 and 400 mg/kg and above the NMED SSL of 400 mg/kg. Field samples for this second
10 event were analyzed with a rented XRF instrument, a Thermo Fisher Scientific Niton
11 Model XL3t 600. The XRF instrument was operated only by personnel who had
12 completed the Thermo Fisher Scientific Manufacturer's Training Course, and was
13 maintained and used for soil analyses according to the manufacturer's instructions.
14 Thirty-eight XRF analyses were conducted in situ on October 4, 2010, one from each
15 drain outfall of the 19 igloos. XRF samples were analyzed for the eight RCRA metals
16 only. XRF results exceeded the NMED SSLs for lead at A-981-R, A-983-R, A-987-R and
17 A-993-R as well as arsenic at A-991-L. See Table 2 for results exceeding soil screening
18 criteria, Table 3 for all sampling results, and Table 4 for XRF sampling results and
19 exceedances.

20
21 Laboratory confirmation soil samples were collected at a 20% frequency in Parcel 9,
22 Igloo Block A, in those locations where XRF analyses indicated lead concentrations
23 and/or concentrations of other RCRA metals close to but less than corresponding NMED
24 SSLs for residential soil. Eleven confirmation samples were collected within Parcel 9,
25 Igloo Block A. Confirmation samples were collected from a depth interval of 0 to 3
26 inches using decontaminated stainless steel spoons or trowels and placed in sample jars
27 supplied by the analytical laboratory. All samples were placed on ice in coolers, brought
28 to the sample staging building (Building 31) at Fort Wingate, and placed in a refrigerator
29 pending shipment to the analytical laboratory. All samples were labeled, packaged, iced,
30 custody sealed, and shipped to the analytical laboratory within the proper holding time.
31 Laboratory confirmation samples were analyzed utilizing EPA Methods 6010 and 7471.
32 The analytical laboratory was TestAmerica Laboratories, Inc., Arvada, CO; and was
33 NELAC certified for the analysis of lead at the time of the analysis. Confirmation
34 samples were collected and sent to the lab on October 6, 2010.

35
36 Due to the potential presence of lead in the sediment/soils at the drains and the need to
37 prevent cross contamination, new nitrile gloves and either freshly decontaminated or
38 clean, new, disposable sampling materials were used for the collection and handling of
39 each sample.

40
41 Based on the October 2010 re-sample investigation results for 8 RCRA metals at AOC 18
42 within Parcel 9, none of the samples exceeded the NMED SSL for residential soils with
43 the exception of four XRF sampling results for lead, one XRF sampling result for arsenic,
44 two confirmation sampling results for lead, and one confirmation sampling result for
45 arsenic. See Figure 3, Parcel 9 AOC 18, Igloo Block A, sample locations exceeding SSL

1 or RSL values. See Tables 2 showing composite and XRF confirmation exceedances and
2 4 showing XRF exceedances.

3 **2.3 Waste Profile and Disposal**

4
5 Two types of investigative derived waste were generated during the two separate
6 investigations; decontamination water, and disposable equipment and personal protective
7 equipment (PPE). Used disposable equipment and materials and PPE were collected in
8 polyethylene trash bags and disposed in the Fort Wingate Depot Activity dumpster. The
9 wash and rinse water from the decontamination procedure was placed in a 5 gallon
10 container and taken to the evaporation tank near Building 542.

11 **2.3.1 Decontamination Procedures:**

12
13
14 To prevent the possibility of cross contamination between sampling locations, non-
15 dedicated sampling equipment was thoroughly decontaminated before each use. All
16 sampling equipment was decontaminated using the following procedure:

- 17
- 18 • Scrape all loose soil into a bucket
- 19 • Wash and scrub with a dilute non-phosphate detergent solution (Liqui-Nox) in
20 potable water
- 21 • Rinse with potable water
- 22 • Rinse with ASTM II Ultrapure blank water
- 23 • Allow equipment to air dry
- 24

25 One equipment rinsate sample from decontaminated sampling equipment was taken prior
26 to commencement of sampling to verify the effectiveness of the decontamination process.
27 One sample was taken from the equipment used for collection of XRF confirmation
28 samples. Personnel performing decontamination wore nitrile gloves during all phases of
29 the decontamination process. Following decontamination, the equipment was wrapped in
30 heavy duty aluminum foil to prevent contamination prior to its reuse.

31 **2.3.2 Investigation Derived Waste:**

32
33
34 Two types of investigative derived waste were generated, wash and rinse water, and
35 disposable equipment and personal protective equipment (PPE). Used disposable
36 equipment and materials and PPE were collected in polyethylene trash bags and disposed
37 in the Fort Wingate Depot Activity dumpster. The wash and rinse water was placed in a 5
38 gallon container and taken to the evaporation tank near Building 542.

39 **2.4 Discussion**

40
41
42 Sampling at 23 igloos and 10 revetments within Parcel 9, Igloo Block A, was completed
43 in September through December 2008 for explosives by EPA Method 8330B and RCRA

1 Metals by EPA Methods 7471 and 6010. MI samples were collected from drainages
2 around the apron at all 23 igloos. Detections of lead ranged from 12.7 mg/kg to 68.3
3 mg/kg; there were no detections exceeding the NMED SSL of 400 mg/kg. None of the
4 explosives constituents were detected above NMED SSLs or EPA RSLs.

5 Composite samples were taken at the drains of the 23 igloos. Detections of lead ranged
6 from 72.6 mg/kg to 2,650 mg/kg with fourteen detections over the NMED SSL of 400
7 mg/kg. None of the explosives constituents were detected above NMED SSLs or EPA
8 RSLs. Nitroglycerine was determined to be a non-detect in sample A-986 due to the
9 reporting limit being above the screening level. MI samples were collected at all 10
10 revetments. Detections of lead ranged from 9.9 mg/kg to 16.5 mg/kg; there were no
11 detections of lead exceeding the NMED SSL of 400 mg/kg. None of the explosives
12 constituents were detected above NMED SSLs or EPA RSLs.

13
14 After review of the *Release Assessment Report for Parcel 4A Igloo Block C, Final*,
15 NMED approved the report with direction and required a re-sample event at any Igloo
16 Block C location where lead was detected at concentrations between 200 and 400 mg/kg.
17 In response to the NMED comments within the Approval with Direction letter regarding
18 lead concentrations in these soils from previous sampling events for Igloo Block C, the
19 Army decided to use this same process to re-sample Igloo Block A within Parcel 9.

20
21 Of the 23 samples taken, 19 resulted in concentrations between 200 and 400 mg/kg or
22 above the NMED SSL of 400 mg/kg for lead and would require re-sampling. Lead values
23 ranged from below the NMED SSL of 400 mg/kg to 2,650 mg/kg.

24
25 Thirty-eight samples were taken in-situ by XRF from each drain outfall of each of the 19
26 igloos in October of 2010. Of the 38 RCRA metals samples taken, five samples exceeded
27 the NMED SSL for lead or arsenic. Lead values ranged from non-detect to 504.67 mg/kg
28 at A-983-R, above the lead NMED SSL of 400 mg/kg. Arsenic exceeded the SSL in only
29 one sample, A-991-L, at 17.15 mg/kg; the NMED SSL for arsenic at the time was 3.9
30 mg/kg.

31
32 Eleven laboratory confirmation samples were taken from those samples deemed most
33 likely to exceed NMED SSLs in comparison to the XRF data already generated. Three of
34 the 11 samples (two for lead and one for arsenic) were in excess of the NMED SSLs.
35 Lead was identified in sample A-986-L at 2,100 mg/kg and in sample A-999-R at 5,200
36 mg/kg. Arsenic was identified in sample A-999-R at 6.1 mg/kg.

37
38 Based on initial September 2008 data and October 2010 XRF readings or confirmation
39 sample results over the NMED soil screening criteria for lead and/or arsenic, recommend
40 soil removal under both drains at A-979, A-980, A-981, A-983, A-986, A-988, A-989,
41 A-992, A-993, A-994, A-996, A-998, A-999, and A-1000. Due to the inconsistencies
42 found in data comparison between the lab data and XRF data, the Army elects to remove
43 soil from both drains on all of the igloos listed above. Based on an October 2010 XRF
44 reading or confirmation sample result for lead or arsenic over the NMED soil screening
45 criteria, soil would be removed as follows: right side of A-987 and left side of A-991. In

- 1 addition, the lead-based paint contaminated drain pipes from each side of all of the igloos
- 2 should be removed. To prevent further contamination, the drain pipes for these igloos
- 3 (which are coated in lead-based paint) will have to be removed prior to soil removal.

1 **3.0 Conclusions and Recommendations**

2
3 Sampling at the igloos and revetments of Parcel 9, Igloo Block A, was completed in
4 September through December 2008 for explosives by EPA Method 8330B and RCRA
5 Metals by EPA Methods 7471 and 6010. After data validation, some of the sites were
6 further tested by XRF for RCRA metals only, on October 4, 2010. Confirmation samples
7 were taken on October 6, 2010 and sent to TestAmerica, Inc., for laboratory analysis.
8

9 Of the 23 igloos, the igloo sites that did not exceed the NMED SSLs or EPA RSLs during
10 any sampling event were A-978, A-982, A-984, A-985, A-990, A-995, and A-997. Every
11 other igloo drain site is considered contaminated with either lead or arsenic and will have
12 to undergo remedial action. Although some similar sites have already undergone site
13 remediation in the form of contaminated soils or drainage pipe removal, this site has only
14 been tested for the removal efforts.
15

16 Based on initial September 2008 data and October 2010 XRF readings or confirmation
17 sample results over the NMED soil screening criteria for lead and/or arsenic, recommend
18 soil removal under both drains at A-979, A-980, A-981, A-983, A-986, A-988, A-989,
19 A-992, A-993, A-994, A-996, A-998, A-999, and A-1000. Due to the inconsistencies
20 found in data comparison between the lab data and XRF data, the Army elects to remove
21 soil from both drains on all of the igloos listed above. Based on an October 2010 XRF
22 reading or confirmation sample result for lead or arsenic over the NMED soil screening
23 criteria, soil would be removed as follows: right side of A-987 and left side of A-991. In
24 addition, the lead-based paint contaminated drain pipes from each side of all of the igloos
25 should be removed.
26

27 The Army proposes removing a few inches of soil from each of these igloo drain outfalls,
28 estimated to be approximately ¼ cubic yard per drain, where the metals concentrations
29 exceed the NMED residential SSLs until confirmation sampling under the removed soils
30 is below the NMED residential SSLs. At that point the remaining excavation can be filled
31 with clean borrow, while the contaminated material will be stored in rolloffs until waste
32 characterization sampling determines its final deposition.
33

34 The XRF was used on Parcel 9 on a trial basis to determine 1) if it could produce
35 comparable results to laboratory analysis and 2) to save time and cost to the Army. The
36 Army elected to use the in-situ method of XRF sampling on Parcel 9. However, the
37 results are not consistent with the laboratory results. In order to obtain more comparable
38 results between the XRF and lab results, additional preparation (intrusive mode) of the
39 soil sample is required which in turn adds cost making it more costly than the laboratory
40 samples. Therefore, the Army will discontinue using the XRF unless a more efficient
41 preparation method is found.

4.0 References:

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TABLE 1 PARCEL 9 AOC 18 (PARTIAL IGLOO BLOCK A) STRUCTURE

PARCEL	AREA	AREA OF CONCERN (AOC)	STRUCTURE TYPE	STRUCTURE ID
Parcel 9	A Block	18	IGLOO	A-978
Parcel 9	A Block	18	REVTMENT	Y-A978
Parcel 9	A Block	18	IGLOO	A-979
Parcel 9	A Block	18	REVTMENT	Y-A979
Parcel 9	A Block	18	IGLOO	A-980
Parcel 9	A Block	18	IGLOO	A-981
Parcel 9	A Block	18	IGLOO	A-982
Parcel 9	A Block	18	REVTMENT	Y-A982
Parcel 9	A Block	18	IGLOO	A-983
Parcel 9	A Block	18	REVTMENT	Y-A983
Parcel 9	A Block	18	IGLOO	A-984
Parcel 9	A Block	18	IGLOO	A-985
Parcel 9	A Block	18	REVTMENT	Y-A985
Parcel 9	A Block	18	IGLOO	A-986
Parcel 9	A Block	18	IGLOO	A-987
Parcel 9	A Block	18	REVTMENT	Y-A987
Parcel 9	A Block	18	IGLOO	A-988
Parcel 9	A Block	18	IGLOO	A-989
Parcel 9	A Block	18	IGLOO	A-990
Parcel 9	A Block	18	REVTMENT	Y-A990

TABLE 1 PARCEL 9 AOC 18 (PARTIAL IGLOO BLOCK A) STRUCTURE

PARCEL	AREA	AREA OF CONCERN (AOC)	STRUCTURE TYPE	STRUCTURE ID
Parcel 9	A Block	18	IGLOO	A-991
Parcel 9	A Block	18	IGLOO	A-992
Parcel 9	A Block	18	REVTMENT	Y-A992
Parcel 9	A Block	18	IGLOO	A-993
Parcel 9	A Block	18	REVTMENT	Y-A993
Parcel 9	A Block	18	IGLOO	A-994
Parcel 9	A Block	18	IGLOO	A-995
Parcel 9	A Block	18	IGLOO	A-996
Parcel 9	A Block	18	IGLOO	A-997
Parcel 9	A Block	18	IGLOO	A-998
Parcel 9	A Block	18	REVTMENT	Y-A998
Parcel 9	A Block	18	IGLOO	A-999
Parcel 9	A Block	18	IGLOO	A-1000

**TABLE 2 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010
RESULTS EXCEEDING SOIL SCREENING CRITERIA**

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS#	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
Igloo A-979														
0918A-979SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	2650	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-980														
0918A-980SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	577	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-981														
0918A-981SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	1110	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-983														
0918A-983SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	427	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-986														
0918A-986SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	429	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	2100	1.1	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-986 DIL														
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	40	40	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	YES **See note
Igloo A-988														
0918A-988SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	440	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-989														
0918A-989SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	645	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-992														
0918A-992SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	476	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-993														
0918A-993SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	536	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-994														
0918A-994SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	860	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-996														
0918A-996SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	413	4.9	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-998														
0918A-998SS-C-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	703	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
Igloo A-999														
0918A-999SS-C-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	1110	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	6.1	1.6	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	YES
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	5200	0.95	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	YES

**TABLE 2 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010
RESULTS EXCEEDING SOIL SCREENING CRITERIA**

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS#	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
Igloo A-1000														
0918A-1000SS-C-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	1070	4.8	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES

Notes:

mg/kg - milligrams per kilogram

ug/kg - micrograms per kilogram

NS - No Standard

QC - Quality Control

AOC - Area of Concern

SWMU - Solid Waste Management Unit

ID - Identification

XRF - X-ray fluorescence

+ - EPA RSL used as screening level when no NMED SSL exists

DIL - Indicates that the sample was diluted because the concentration detected exceeded the calibration range of the instrument

NMED SSL - New Mexico Environmental Department Soil Screening Level, as published in the Risk Assessment Guidance for Site Investigations and Remediation. New Mexico Environmental Department, Hazardous Waste Bureau and Ground Water Quality Bureau Voluntary Remediation Program, June 2012.

EPA RSL - U.S. Environmental Protection Agency Regional Screening Level, as published in the Human Health Medium-Specific Screening Levels 2012. U.S. Environmental Protection Agency, Region 6, November 2012.

****Note:**

"Yes" value is due to the fact that the reporting limit is higher than the NMED SSL and/or EPA RSL. This accounts for the values exceeding screening levels in the data table.

As required by the laboratory, if any of the constituents with a "Yes" value had been detected between the DL and RL (LOQ), the result would have been qualified with a "J" flag meaning it was an estimated value.

Lab Qualifier Codes:

Organics

- J Estimated: The analyte was positively identified; the quantitation is an estimation
- J Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria
- M Manual integrated compound
- Q One or more quality control criteria failed
- U Undetected at the Limit of Detection

Metals

- J Estimated: The analyte was positively identified; the quantitation is an estimation
- J Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria
- 4 MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable
- Q One or more quality control criteria failed
- H Sample was prepped or analyzed beyond the specified holding time
- V Serial Dilution exceeds the control limits
- U Undetected at the Limit of Detection
- D Dilution
- E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)
- N Qualitatively estimated (tentative detection)
- * Values outside of QC limits

Validation Qualifier Codes:

- J Estimated (quantitatively) and tentatively usable
- U Below reporting limit (some cadmium results modified to laboratory RL for method blank detection)
- UJ Estimated non-detect
- R Rejected

Sample ID nomenclature:

Sample ID's consist of a combination of Parcel, AOC, Site identifier, source of sample, increment number for sub sample identification if necessary, type of sample, and matrix.

Example: 0918A-978SS-L-XRFC-SO

Parcel: 9

AOC: 18

Site Identifier: A-978 (in this case it's Igloo Block A, number 978)

Source of sample: SS-L (Surface Soil on left or right side of igloo)

Increment number:00x (3 digits for subsample if necessary)

Type of sample: XRFC (X-ray fluorescence), C (Composite)

Matrix: SO (Soil)

Additional Sample ID nomenclature:

L-XRFC-SO: Left side of igloo X-ray fluorescence composite confirmation soil sample shipped to laboratory;

R-XRFC-SO: Right side of igloo X-ray fluorescence composite confirmation soil sample shipped to laboratory

Inconsistent Sample ID's:

Samples labeled as 2418 (Parcel 24, AOC 18) were erroneously logged on Chain of Custody forms during the 2010 resampling event as being part of Parcel 24 and are reported as such.

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
Igloo A-978														
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW6010B	SOIL	7439-92-1	Lead	165	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-978SS-C-SO	09-Dec-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW6010B	SOIL	7439-92-1	Lead	26.9	4.9	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-978SS-M-SO	09-Dec-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Revetment Y-A978														
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW6010B	SOIL	7439-92-1	Lead	12.7	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A978SS-M-SO	09-Dec-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-979														
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	2650	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.16	0.2	mg/kg	J		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-979SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	15.3	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-979SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	2.3	1.8	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	190	2.4	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.59	0.59	mg/Kg	J	U	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	12	2.4	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	110	1.1	mg/Kg	Q	J	NMED RESIDENTIAL SSL	400	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.014	0.02	mg/Kg	J	J	NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.8	3.5	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-979SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.24	1.2	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Revetment Y-A979														
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	16	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A979SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-980														
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	577	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-980SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	17.2	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-980SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	2.5	1.6	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	190	2.2	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.23	0.55	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	13	2.2	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	120	0.99	mg/Kg	Q	J	NMED RESIDENTIAL SSL	400	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.026	0.02	mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.6	3.3	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-980SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.22	1.1	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Igloo A-981														
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-981SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	1110	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-981SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	14.7	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-981SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-982														
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	72.6	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-982SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	17.2	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-982SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Revetment Y-A982														
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	12.5	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A982SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-983														
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	427	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-983SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	16.8	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-983SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Revetment Y-A983														
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	11.6	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A983SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-984														
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	300	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-984SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	16.4	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-984SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	2.1	1.8	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	220	2.3	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.59	0.59	mg/Kg	J	U	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	10	2.3	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	91	1.1	mg/Kg	Q	J	NMED RESIDENTIAL SSL	400	mg/kg	
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.013	0.022	mg/Kg	J	J	NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.8	3.5	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-984SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.23	1.2	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	3.9	1.8	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	180	2.3	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.23	0.58	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	11	2.3	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	130	1.1	mg/Kg	Q	J	NMED RESIDENTIAL SSL	400	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.023	0.019	mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.8	3.5	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-984SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.23	1.2	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Igloo A-985														
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	321	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-985SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	18	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-985SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	3.7	2	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	200	2.6	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.39	0.65	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	14	2.6	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	110	1.2	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.021	0.023	mg/Kg	J	J	NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	2	3.9	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-985SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.26	1.3	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Revetment Y-A985														
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	16.5	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A589SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	15.1	4.9	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A985SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-986														
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	429	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	4.2	0.2	mg/kg	E		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-986SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	21.7	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-986SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	2.8	1.8	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	220	2.3	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.29	0.59	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	15	2.3	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	2100	1.1	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	YES
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.022	0.02	mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.8	3.5	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-986SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.23	1.2	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	3.1	1.6	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	170	2.2	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.37	0.54	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	14	2.2	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	260	0.98	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.019	0.019	mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.6	3.3	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-986SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.22	1.1	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Igloo A-986 DIL														
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.4	0.4	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.4	0.4	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.4	0.4	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.4	0.4	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.4	0.4	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.4	0.4	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.4	0.4	mg/kg	U		No Standard	No Standard		No Standard
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.4	0.4	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.8	0.8	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.8	0.8	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.4	0.4	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	40	40	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	YES **See note
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.8	0.8	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	4.5	2	mg/kg			EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.8	0.8	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.8	0.8	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-986SS-C-SO DIL	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.8	0.8	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-987														
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	322	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-987SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	17.2	5	mg/kg	N*ED		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-987SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.08	0.08	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	1.5	1.6	mg/Kg	J	J	NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	230	2.2	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.28	0.55	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	14	2.2	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	200	0.99	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.014	0.02	mg/Kg	J	J	NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.6	3.3	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-987SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.22	1.1	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Revetment Y-A987														
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	10.4	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A987SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-988														

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	440	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-988SS-C-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW6010B	SOIL	7439-92-1	Lead	11.9	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-988SS-M-SO	09-Nov-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-989														
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	645	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-989SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	15.4	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-989SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-990														
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	242	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.31	0.19	mg/kg			EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-990SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	21.1	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-990SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Revetment Y-A990														
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	12.6	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A990SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-991														
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	307	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-991SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.037	0.037	mg/kg	U		No Standard	No Standard		No Standard
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	20.4	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.7	3.7	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-991SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-992														
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.037	0.037	mg/kg	U		No Standard	No Standard		No Standard

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.037	0.037	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.074	0.074	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	476	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.074	0.074	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.037	0.037	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.7	3.7	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.074	0.074	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.14	0.19	mg/kg	J		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.074	0.074	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.074	0.074	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-992SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.074	0.074	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	22.2	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.11	0.19	mg/kg	J		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-992SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
Revetment Y-A992														
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	10.5	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A992SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-993														
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	536	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-993SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	19.1	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-993SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	2.8	1.8	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	230	2.4	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.25	0.6	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	13	2.4	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	180	1.1	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.012	0.022	mg/Kg	J	J	NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.8	3.6	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-993SS-L-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.24	1.2	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Revetment Y-A993														
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	9.9	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A993SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-994														
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	860	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.041	0.038	mg/kg			NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-994SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	16.9	4.9	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-994SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	3.7	1.6	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	240	2.2	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.24	0.54	mg/Kg	J	J	NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	17	2.2	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	370	0.97	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.0083	0.019	mg/Kg	J	J	NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.6	3.2	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-994SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.22	1.1	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Igloo A-995														
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.04	0.04	mg/kg	U		No Standard	No Standard		No Standard
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.04	0.04	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	119	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.04	0.04	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	4	4	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-995SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.079	0.079	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	19.5	5	mg/kg	N*D		NMED RESIDENTIAL SSL	400	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.17	0.2	mg/kg	J		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-995SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-996														
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	413	4.9	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-996SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	18.6	0.98	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-996SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-997														
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	139	0.98	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-799SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	148	0.98	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-997SS-C-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW6010B	SOIL	7439-92-1	Lead	14.5	0.99	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-997SS-M-SO	09-Oct-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-998														
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	2691-41-0	HMX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	703	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	121-82-4	RDX	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-998SS-C-SO	09-Sep-2008	SW8330B	SOIL	479-45-8	Tetryl	0.075	0.075	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.11	0.039	mg/kg			EPA RESIDENTIAL RSL	150	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	2691-41-0	HMX	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	12.9	0.98	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.86	0.078	mg/kg			NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.2	0.2	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-82-4	RDX	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-998SS-M-SO	09-Sep-2008	SW8330B	SOIL	479-45-8	Tetryl	0.078	0.078	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Revetment Y-A998														
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	9.9	0.99	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918Y-A998SS-M-SO	09-Sep-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
Igloo A-999														
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	1110	5	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-999SS-C-SO	09-Sep-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	2691-41-0	HMX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	13.7	0.99	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-82-4	RDX	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-999SS-M-SO	09-Sep-2008	SW8330B	SOIL	479-45-8	Tetryl	0.076	0.076	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-38-2	Arsenic	6.1	1.6	mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/kg	YES

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-39-3	Barium	430	2.1	mg/Kg			NMED RESIDENTIAL SSL	15600	mg/kg	
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-43-9	Cadmium	0.77	0.53	mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/kg	
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-47-3	Chromium	18	2.1	mg/Kg			NMED RESIDENTIAL SSL	117000	mg/kg	
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7439-92-1	Lead	5200	0.95	mg/Kg	Q		NMED RESIDENTIAL SSL	400	mg/kg	YES
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 7471B	Solid	7439-97-6	Mercury	0.015	0.018	mg/Kg	J	J	NMED RESIDENTIAL SSL	15.6	mg/kg	
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7782-49-2	Selenium	1.6	3.2	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
2418A-999SS-R-XRFC-SO	06-Oct-2010	SW846 6010C	Solid	7440-22-4	Silver	0.21	1.1	mg/Kg	U		NMED RESIDENTIAL SSL	391	mg/kg	
Igloo A-1000														
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.039	0.039	mg/kg	U		No Standard	No Standard		No Standard
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.039	0.039	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	1070	4.8	mg/kg	D		NMED RESIDENTIAL SSL	400	mg/kg	YES
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.039	0.039	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.9	3.9	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-1000SS-C-SO	09-Sep-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-35-4	1,3,5-Trinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	2200	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-65-0	1,3-Dinitrobenzene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	6.1	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	118-96-7	2,4,6-Trinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	39.1	mg/kg	

TABLE 3 PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT	UNITS	LAB QUALIFIER	VALIDATION QUALIFIER	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-14-2	2,4-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	15.7	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	606-20-2	2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	61.1	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	35572-78-2	2-Amino-4,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	618-87-1	3,5-Dinitroaniline	0.038	0.038	mg/kg	U		No Standard	No Standard		No Standard
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	19406-51-0	4-Amino-2,6-Dinitrotoluene	0.038	0.038	mg/kg	U		EPA RESIDENTIAL RSL	150	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	2691-41-0	HMX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	3910	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW6010B	SOIL	7439-92-1	Lead	68.3	1	mg/kg			NMED RESIDENTIAL SSL	400	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-08-1	m-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	7.82	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	98-95-3	Nitrobenzene	0.038	0.038	mg/kg	U		NMED RESIDENTIAL SSL	53.5	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	55-63-0	Nitroglycerine	3.8	3.8	mg/kg	U		NMED RESIDENTIAL SSL	6.11	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	88-72-2	o-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	29.1	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	78-11-5	Pentaerythritol Tetranitrate	0.19	0.19	mg/kg	U		EPA RESIDENTIAL RSL	1200	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	99-99-0	p-Nitrotoluene	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	121-82-4	RDX	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	58.2	mg/kg	
0918A-1000SS-M-SO	09-Sep-2008	SW8330B	SOIL	479-45-8	Tetryl	0.077	0.077	mg/kg	U		NMED RESIDENTIAL SSL	244	mg/kg	

PARCEL 9 - AOC 18 IGLOO BLOCK A - SAMPLING RESULTS - FALL 2008 AND OCTOBER 2010

Notes:

mg/kg - milligrams per kilogram
 ug/kg - micrograms per kilogram
 NS - No Standard
 QC - Quality Control
 AOC - Area of Concern
 SWMU - Solid Waste Management Unit
 ID - Identification
 XRF - X-ray fluorescence
 + - EPA RSL used as screening level when no NMED SSL exists
 DIL - Indicates that the sample was diluted because the concentration detected exceeded the calibration range of the instrument

NMED SSL - New Mexico Environmental Department Soil Screening Level, as published in the Risk Assessment Guidance for Site Investigations and Remediation. New Mexico Environmental Department, Hazardous Waste Bureau and Ground Water Quality Bureau Voluntary Remediation Program, June 2012.

EPA RSL - U.S. Environmental Protection Agency Regional Screening Level, as published in the Human Health Medium-Specific Screening Levels 2012. U.S. Environmental Protection Agency, Region 6, November 2012.

**Note:

"Yes" value is due to the fact that the reporting limit is higher than the NMED SSL and/or EPA RSL. This accounts for the values exceeding screening levels in the data table.
 As required by the laboratory, if any of the constituents with a "Yes" value had been detected between the DL and RL (LOQ), the result would have been qualified with a "J" flag meaning it was an estimated value.

Lab Qualifier Codes:

Organics

- J Estimated: The analyte was positively identified; the quantitation is an estimation
- J Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria
- M Manual integrated compound
- Q One or more quality control criteria failed
- U Undetected at the Limit of Detection
- E Indicates that the concentration detected exceeded the calibration range of the instrument.

Metals

- J Estimated: The analyte was positively identified; the quantitation is an estimation
- J Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria
- 4 MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable
- Q One or more quality control criteria failed
- H Sample was prepped or analyzed beyond the specified holding time
- V Serial Dilution exceeds the control limits
- U Undetected at the Limit of Detection
- D Dilution
- E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)
- N Qualitatively estimated (tentative detection)
- * Values outside of QC limits

Validation Qualifier Codes:

- J Estimated (quantitatively) and tentatively usable
- U Below reporting limit (some cadmium results modified to laboratory RL for method blank detection)
- UJ Estimated non-detect
- R Rejected

Sample ID nomenclature:

Sample ID's consist of a combination of Parcel, AOC, Site identifier, source of sample, increment number for sub sample identification if necessary, type of sample, and matrix.

Example: 0918A-978SS-L-XRFC-SO

Parcel: 9
 AOC: 18
 Site Identifier: A-978 (in this case it's Igloo Block A, number 978)
 Source of sample: SS-L (Surface Soil on left or right side of igloo)
 Increment number: 00x (3 digits for subsample if necessary)
 Type of sample: XRFC (X-ray fluorescence), C (Composite)
 Matrix: SO (Soil)

Additional Sample ID nomenclature:

L-XRFC-SO: Left side of igloo X-ray fluorescence composite confirmation soil sample shipped to laboratory;

R-XRFC-SO: Right side of igloo X-ray fluorescence composite confirmation soil sample shipped to laboratory

Inconsistent Sample ID's:

Samples labeled as 2418 (Parcel 24, AOC 18) were erroneously logged on Chain of Custody forms during the 2010 resampling event as being part of Parcel 24 and are reported as such.

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
IGLOO: A-979														
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	489.58		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	14.47		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	ND		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	137.06		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-979SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	551.78		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	31.11		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	ND		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	298.64		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-979SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-980														
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	384.75		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	ND		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	318.56		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-980SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	192.66		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	14.45		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	180.01		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-980SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-981														
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	413.6		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	21.65		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	90.8		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-981SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	232.92		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	14.92		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	428.44		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	YES
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-981SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-983														
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	ND		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	19.34		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	265.53		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-983SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	226.72		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	14.42		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	504.67		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	YES
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-983SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-984														
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	364.14		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	9.53		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	296.47		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-984SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	345.8		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	ND		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	351.96		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-984SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-985														
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	161.19		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	10.11		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	399.91		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-985SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	443.7		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	15.72		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	10.17		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	102.27		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-985SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-986														
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	ND		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	12.44		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	368.84		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-986SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	404.24		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	18.25		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	13.97		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	358.41		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-986SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-987														
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	457.58		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	27.66		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	9.08		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	327.7		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-987SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	207.96		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	15.93		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	418.1		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	YES
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-987SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-988														
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	411.19		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	10.48		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	210.6		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-988SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	470.76		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	13.4		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	76.59		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-988SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-989														
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	382.18		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	17.29		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	12.96		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	40.91		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-989SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	504.08		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	ND		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	120.4		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-989SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-990														
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	353.11		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	18.25		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	122.09		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-990SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	130.73		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	16		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	102.06		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-990SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-991														
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	17.15		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	YES
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	380.89		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	19.53		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	78.56		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-991SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	344.3		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	21.47		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	11.27		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	99.06		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-991SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-992														
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	172.87		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	12.81		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	98.12		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-992SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	297.41		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	10.37		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	123.1		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-992SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-993														
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	205.55		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	20.41		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	364.07		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-993SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	403.52		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	22.51		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	8.77		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	423.39		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	YES
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-993SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-994														
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	231.13		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	ND		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	194		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-994SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	1339.81		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	10.01		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	399.06		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-994SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-996														
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	610.9		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	31.45		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	14.13		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	155.86		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-996SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	534.7		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	ND		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	196.1		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-996SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-998														
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	446.42		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	22.94		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	11.36		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	158.75		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-998SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	741.06		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	40.06		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	11.18		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	52.39		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-998SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-999														
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	534.93		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	25.43		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	10.37		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	71.76		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	

TABLE 4 PARCEL 9 - AOC 18 IGLOO BLOCK A - XRF SAMPLING RESULTS - SEPTEMBER AND OCTOBER 2010

SAMPLE ID	DATE COLLECTED	METHOD	MATRIX	CAS #	ANALYTE	RESULT	REPORTING LIMIT*	UNITS	LAB QUALIFIER**	VALIDATION QUALIFIER**	SCREENING LEVEL SOURCE+	SCREENING LEVEL VALUE	UNITS	EXCEEDS SCREENING LEVEL?
2418A-999SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	601.32		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	17.27		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	12.81		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	268.97		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-999SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
IGLOO: A-1000														
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	547.66		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	25.12		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	ND		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-1000SS-L-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-38-2	Arsenic	ND		mg/Kg			NMED RESIDENTIAL SSL	3.90	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-39-3	Barium	552.17		mg/Kg			NMED RESIDENTIAL SSL	15600	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-43-9	Cadmium	ND		mg/Kg			NMED RESIDENTIAL SSL	70.3	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-47-3	Chromium	9.09		mg/Kg			NMED RESIDENTIAL SSL	117000	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-92-1	Lead	127.84		mg/Kg			NMED RESIDENTIAL SSL	400	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7439-97-6	Mercury	ND		mg/Kg			NMED RESIDENTIAL SSL	15.6	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7782-49-2	Selenium	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	
2418A-1000SS-R-XRF-SO	04-Oct-2010	XRF	In-Situ Soil	7440-22-4	Silver	ND		mg/Kg			NMED RESIDENTIAL SSL	391	mg/Kg	

Notes:

mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
XRF - X-ray fluorescence
ND - not detected
NS - No Standard
RPT LIM - Reporting Limit
AOC - Area of Concern
SWMU - Solid Waste Management Unit
MDL - Method Detection Limit
CRQL - Contract-Required Quantitation Limit
QC - Quality Control
+ - EPA RSL used as screening level when
no NMED SSL exists

* Reporting Limit - Not applicable since the XRF direct reading instrument is a screening tool. When an analyte is present above the instrument's limit of detection (LOD) it gives a reading. If the XRF instrument gives no reading, then the analyte is below the LOD and is reported as <LOD or ND (not detected).

** Lab and Validation Qualifiers - Not applicable here because these are results from an XRF screening instrument and not laboratory analytical data.

NMED SSL - New Mexico Environmental Department Soil Screening Level, as published in the Risk Assessment Guidance for Site Investigations and Remediation. New Mexico Environmental Department, Hazardous Waste Bureau and Ground Water Quality Bureau Voluntary Remediation Program, June 2012.

EPA RSL - U.S. Environmental Protection Agency Regional Screening Level, as published in the Human Health Medium-Specific Screening Levels 2012. U.S. Environmental Protection Agency, Region 6, November 2012.

Sample ID nomenclature:

Sample ID's consist of a combination of Parcel, AOC, Site identifier, source of sample, increment number for sub sample identification if necessary, type of sample, and matrix.

Example: 2418A-903SS-R-XRF-SO

Parcel: 24

AOC: 18

Site Identifier: A-903 (in this case it's igloo block A, number 903)

Source of sample: SS-R (Surface Soil on right "R" or left "L" side of igloo)

Increment number: 00x (3 digits for subsample if necessary)

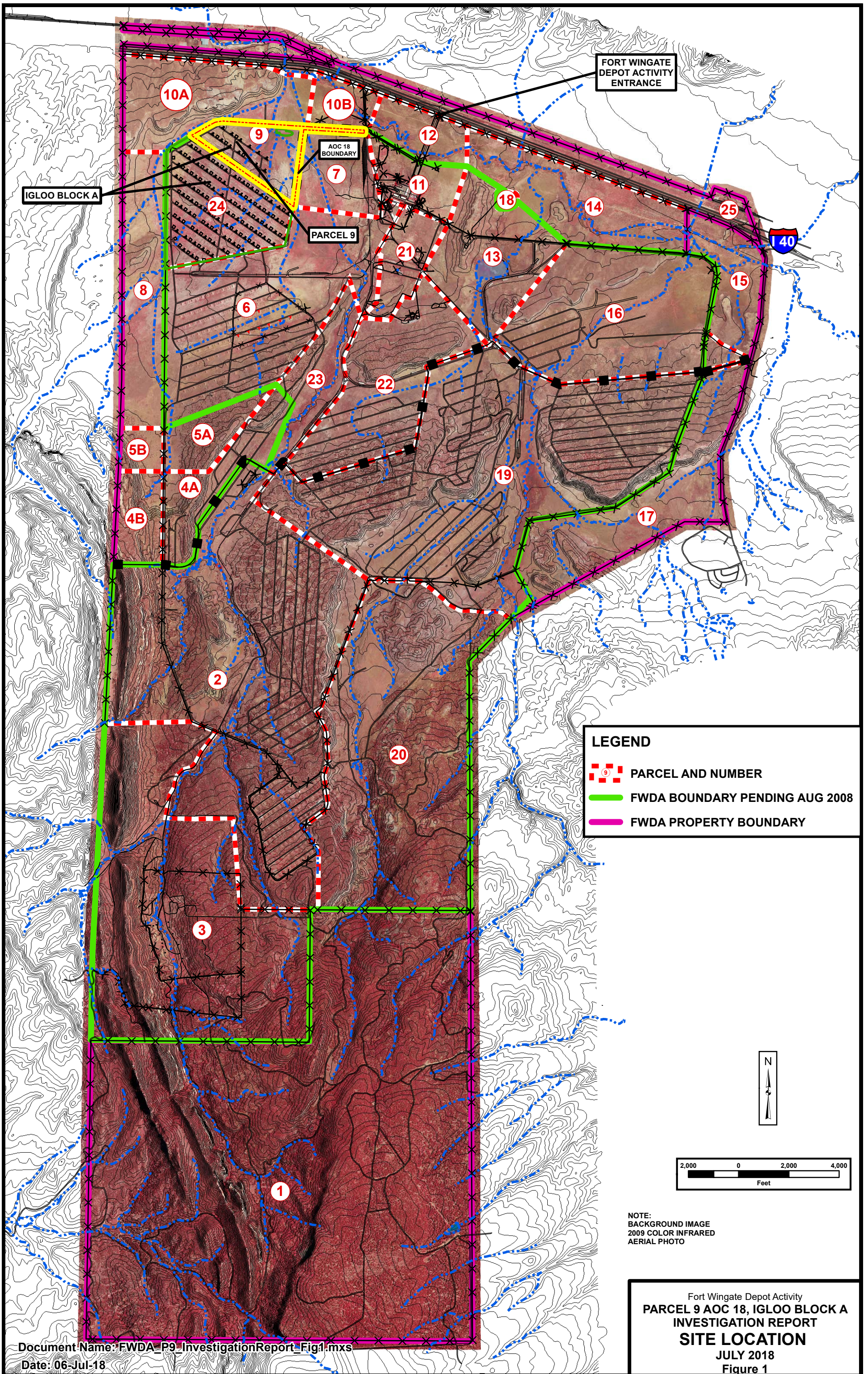
Type of sample: XRF (X-ray fluorescence)

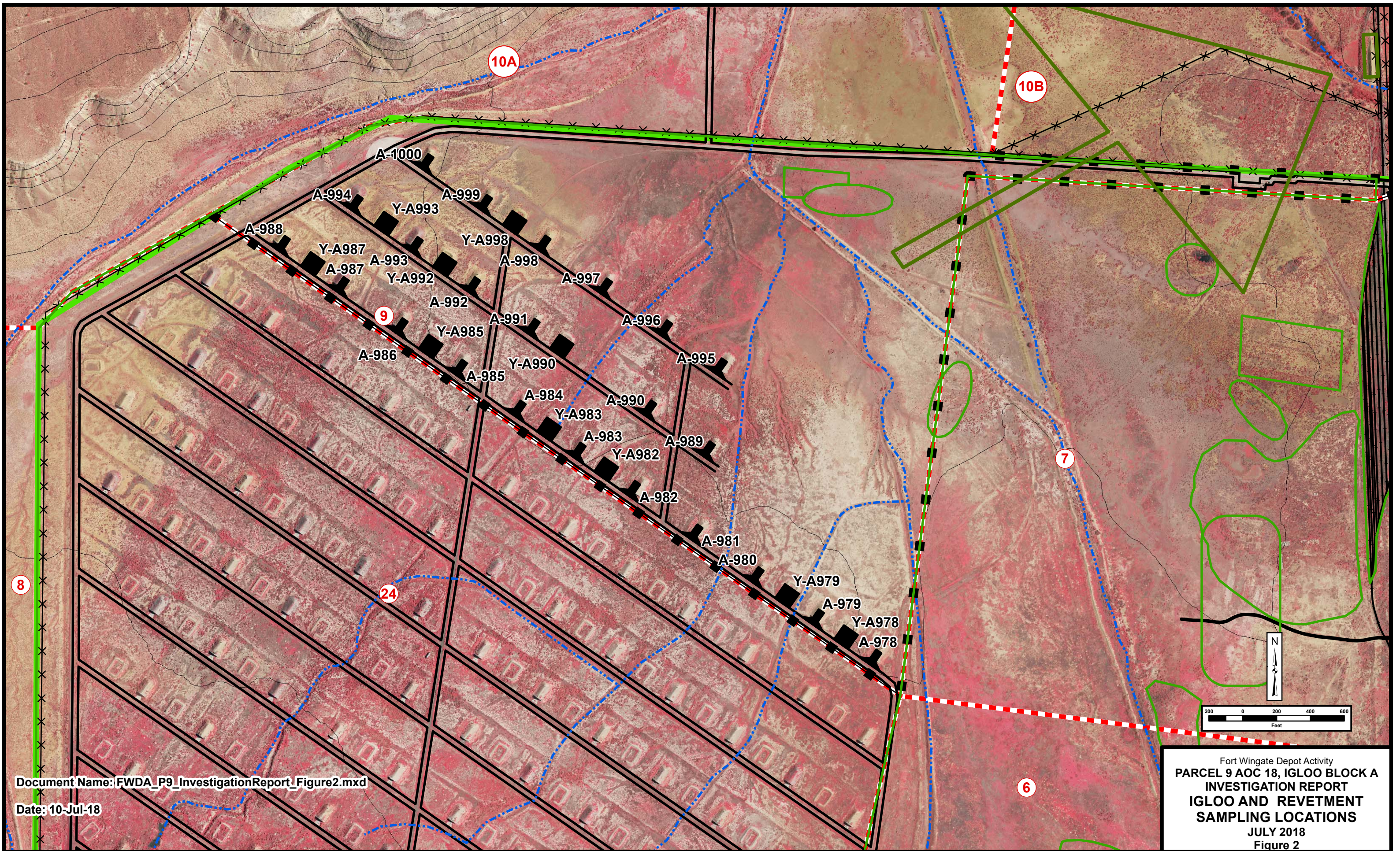
Matrix: SO (Soil)

Additional Sample ID nomenclature:

L-XRF-SO: Left side of igloo X-ray fluorescence soil sample;

R-XRF-SO: Right side of igloo X-ray fluorescence soil sample.

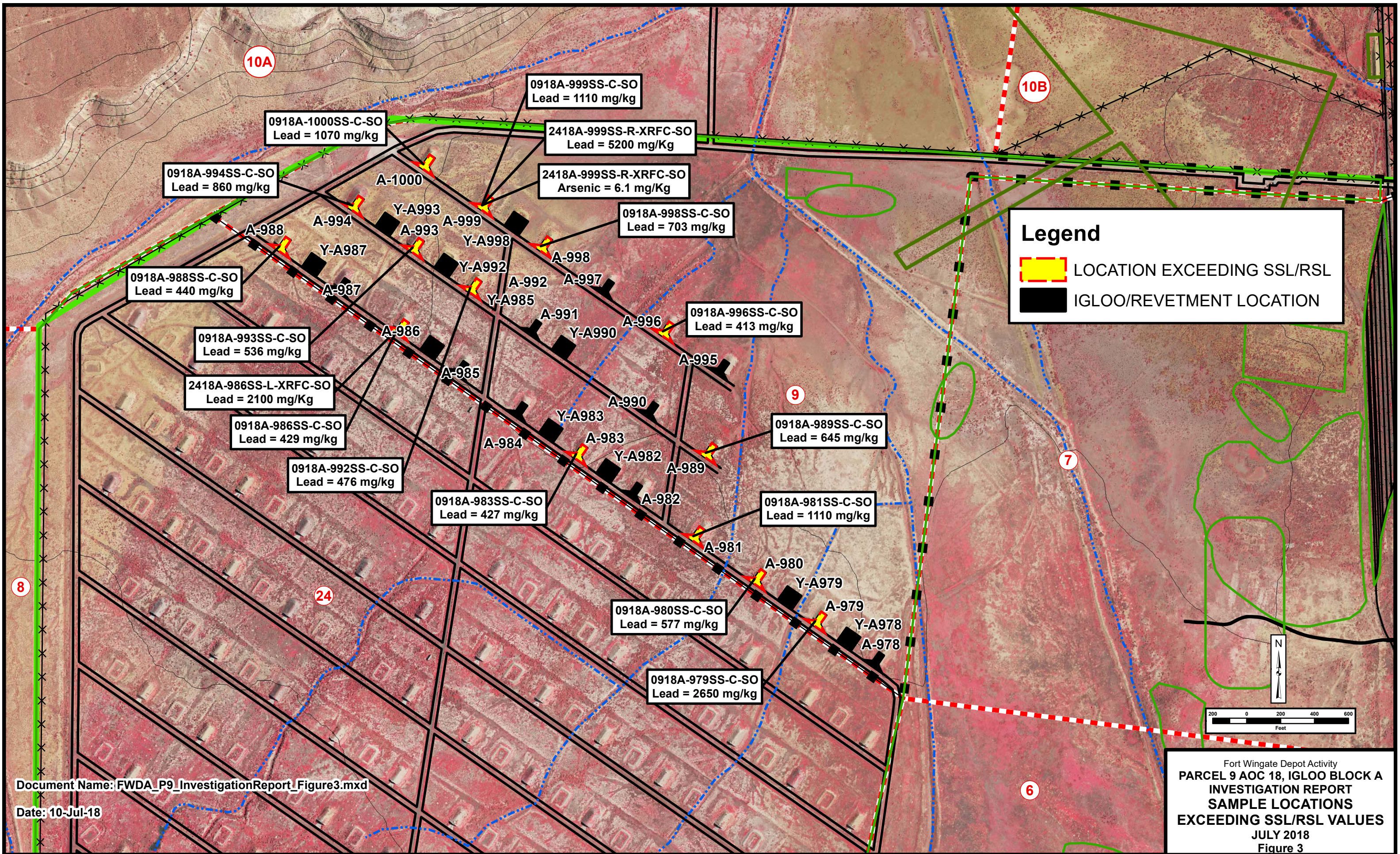




Document Name: FWDA_P9_InvestigationReport_Figure2.mxd

Date: 10-Jul-18

Fort Wingate Depot Activity
 PARCEL 9 AOC 18, IGLOO BLOCK A
 INVESTIGATION REPORT
 IGLOO AND REVETMENT
 SAMPLING LOCATIONS
 JULY 2018
 Figure 2



Document Name: FWDA_P9_InvestigationReport_Figure3.mxd

Date: 10-Jul-18

Fort Wingate Depot Activity
 PARCEL 9 AOC 18, IGLOO BLOCK A
 INVESTIGATION REPORT
 SAMPLE LOCATIONS
 EXCEEDING SSL/RSL VALUES
 JULY 2018
 Figure 3