

825 West 8th Avenue, Suite 200 • Anchorage, AK 99501

(907) 258-4880 FAX 258-4033

September 5, 2006

Mr. Harry Engel MB 7-5 BP Exploration (Alaska) Inc 900 E. Bensen Blvd Anchorage, AK 99519

RE: Well Cellar Inspections Data Transmittal

Dear Mr. Engel,

OASIS Environmental, Inc. (OASIS) has tabulated physical observations and analytical data from the well cellar inspections conducted from July 25, 2006 to July 31, 2006. During this time, OASIS visited 70 well cellars with representatives of BPXA, Alaska Department of Environmental Conservation (DEC), and Alaska Oil and Gas Conservation Commission (AOGCC). OASIS recorded physical characteristics of the well cellars and collected a combination of fluid and sediment samples from the cellar bottoms. Samples were collected at the request of Alaska DEC and AOGCC representatives. Three types of samples were collected: fluid samples for analysis of anions, product samples for hydrocarbon identification, and sediment samples for analysis of analysis of diesel range organics and residual range organics.

Three tables have been attached to this letter. Table 1 presents an inspection summary for each well cellar. Table 2 contains the analytical data for samples collected from each well cellar. Table 3 displays the analytical results of one off-pad sample collected from a tundra pond near well house 6 on N Pad. Also attached is a copy of the laboratory analytical reports.

Additional data interpretation may be performed at your request. Please contact Brad Authier or me at 258-4880 with any questions or comments.

Respectfully submitted, **OASIS Environmental, Inc.**

Ben Martut

Ben Martich Project Manager

Mr. Harry Engel 9/5/06 Page 2

- cc: Michael McDaniel / John Booth, BPXA Jim Regg, AOGCC Ed Meggert, Alaska DEC Brad Authier, OASIS (email only)
- Attachments: Table 1 Table 2 Table 3 Laboratory Analytical Reports

TABLE 1

THIS PAGE INTENTIONALLY BLANK

Pad	Well	Date of Inspection	Cellar Description	Fluids Present	Sample Location	Sample Description
		-	33-square foot cellar with a depth of 6 feet and standing fluid. Fluid is a mixture of			One 250-ml polyethylene bottle of fluid collected for
North Star	29	7/25/2006	product and water. Fluid thickness is 0.1 foot or less across bottom of cellar. 90% of fluid is estimated to be product. Estimated fluid volume is 16 gallons.	Yes	NS-29	anions analysis. Two 40-ml vials of product collected for hydrocarbon ID.
		.,20,2000				One 500-ml polyethylene bottle of fluid collected by
Drill Site 13	27	7/25/2006	50-square foot lined cellar with a depth of 1.2 feet and standing fluid in 50% of cellar Average thickness of fluid is 0.15 feet. Estimated fluid volume is 28 gallons.	Yes	PBU13-27	direct filling for anions analysis. Sample matrix was clear.
Drill Site 6	20	7/25/2006	64-square foot lined cellar with a depth of 2 feet and two areas of standing fluid. Estimated fluid volume is 40 gallons	Yes	PBU6-20	One 500-ml polyethylene bottle of fluid collected by direct filling for anions analysis. Sample matrix was clear
	20	1/20/2000		100	1 000 20	One 500-ml polyethylene bottle of fluid collected from
Drill Site 6	17	7/25/2006	64-square foot cellar with a depth of 9 inches and gravel base. Fluid is present in 6 flutes around base of well. Estimated volume of fluid in flutes is 0.6 gallon.	Yes	PBU6-17	the flute by direct filling for anions analysis. Sample matrix had rust particles on surface.
Drill Site 6	15	7/25/2006	64-square foot cellar with a depth of 4 feet. Fluids are present on 50% of the cellar floor and average 5 inches in thickness. Fluid is estimated to contain 25% product. Estimated fluid volume is 100 gallons. Rest of cellar floor is a gravel base.	Yes	PBU6-15	Two 40-ml vials of product collected for hydrocarbon ID. One 500-ml polyethylene bottle of fluid collected for anions analysis. Five point composite soil/sediment sample collected in a 4-oz amber jar on 7/31/06 from non-saturated areas.
		İ., .	64-square foot lined cellar with a depth of 2 feet and standing fluid. Fluid thickness			One 500-ml polyethylene bottle of fluid collected for
Drill Site 7	26	7/26/2006	is 0.1 foot. Estimated fluid volume is 48 gallons.	Yes	PBU7-26	anions analysis. Sample matrix was cloudy.
X Pad	16	7/26/2006	is minimal and has a muddy residue.		PBUX-16	anions analysis.
X Pad	17	7/26/2006	64-square foot cellar with a depth of 4 feet and standing fluid. Cellar floor is concrete. Fluid thickness is 2 inches. Estimated fluid volume is 80 gallons. Debris is present in cellar.	Yes	PBUX-17	One 500-ml polyethylene bottle of fluid collected for anions analysis.
		7/00/0000		N		Four point composite soil/sediment sample collected in
X Pad	33	7/26/2006	64-square foot cellar with a depth of 3 feet and gravel base.	NO	PBUX-33	a 4-oz amper jar. Four point composite soil/sediment sample collected in
B Pad	18	7/26/2006	64-square foot cellar with a depth of 4 feet and gravel base.	No	PBUB-18	a 4-oz amber jar.
	0.5	7/22/2222	64-square foot lined cellar with a depth of 4 feet and standing fluid. Fluid thickness			One 500-ml polyethylene bottle of fluid collected for
B Pad	25	7/26/2006	is 6 inches. Estimated fluid volume is 239 gallons.	Yes	PBUB-25	anions analysis. Sample matrix was cloudy.
K Pad	14	7/26/2006	hydrocarbon odor.	No	PBUK-14	a 4-oz amber jar.
K Pad	13	7/26/2006	64-square foot cellar with a depth of 3 feet and gravel base. Gravel has a hydrocarbon odor.	No	PBUK-13	Four point composite soil/sediment sample collected in a 4-oz amber iar.
		1120/2000				
E Pad	15	7/26/2006	64-square root lined cellar with a depth of 3.5 teet and standing fluid in folds of liner. Fluid thickness in folds is 2 inches. A sheen is present on the fluid.	Yes	PBUE-15	One 500-mi polyethylene bottle of fluid collected for anions analysis. Sample matrix had a brown color.
E Pad	20	7/26/2006	64-square foot lined cellar with standing fluid in folds of liner. Fluid thickness in folds	Voc	PRUE-20	One 500-ml polyethylene bottle of fluid collected for
Liau	20	1/20/2000		162	F BUE-20	anions analysis. Sample matrix had a yellow color.

		Date of		Fluids	Sample	
Pad	Well	Inspection	Cellar Description	Present	Location	Sample Description
G Pad	19	7/26/2006	64-square foot lined cellar with a depth of 4 feet and standing fluids in folds of liner. Fluid thickness in folds is 4 inches and water and product is present.	Yes	PBUG-19	One 500-ml polyethylene bottle of fluid collected for anions analysis. Two 40-ml vials of product collected for hydrocarbon ID.
C Pad	17	7/26/2006	64-square foot lined cellar with a depth of 3.5 feet and standing fluids in folds of liner. An open drum is present in the cellar beneath a valve.	Yes	PBUC-17	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix had a yellow color.
Drill Site 11	34	7/27/2006	80-square foot cellar with a depth of 4 feet and gravel base. Some fluids are present, but not enough to collect a sample. The well is situated within a secondary containment basin.	Yes	PBU11-34	Four point composite soil/sediment sample collected in a 4-oz amber jar.
Drill Site 11	12	7/27/2006	36-square foot lined cellar with a depth of 3 feet and standing fluids on folds of liner. Fluid thickness in folds averages 2 inches.	Yes	PBU34-12	One 500-ml polyethylene bottle of fluid collected for anions analysis.
Drill Site 11	38	7/27/2006	64-square foot lined cellar with a depth of 2 feet and gravel over top of liner at bottom of cellar. Fluid is present in the well's conductor.	Yes	PBU11-38	One 500-ml polyethylene bottle of fluid collected from the conductor for anions analysis. Four point composite soil/sediment sample collected in a 4-oz amber jar.
Drill Site 4	40	7/27/2006	64-square foot cellar with a depth of 2 feet. A secondary containment basin surrounds the well and contained fluid. Remaining portion of cellar was gravel bottom.	Yes	PBU4-40	the secondary containment basin for anions analysis. Four point composite soil/sediment sample collected in a 4-oz amber jar.
Drill Site 16	28	7/27/2006	36-square foot lined cellar with a depth of 5 feet and standing fluids in folds of liner. Fluid thickness in folds averages 2 inches deep.	Yes	PBU16-28	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix had a light brown color.
Duck Island	3-11	7/27/2006	64-square foot lined cellar with a depth of 4 feet. A secondary containment basin surrounds the well and contained 1.5 inches of product. Remaining portion of cellar contained fluid-product mixture.	Yes	DI3-11	Two 40-ml vials of product collected from secondary containment basin for hydrocarbon ID. Two 40-ml vials of product collected from outside secondary containment basin for hydrocarbon ID.
Point McIntyre Pad 2	15	7/27/2006	64-square foot above-ground lined cellar with a depth of 3.5 feet. Fluid is present in the folds of the liner.	Yes	PM2-15	One 500-ml polyethylene bottle of fluid collected for anions analysis.
Point McIntyre Pad 2	58	7/27/2006	64-square foot cellar with a depth of 7 feet. Fluid is present in the cellar.	Yes	PM2-58	One 500-ml polyethylene bottle of fluid collected for anions analysis.
Point McIntyre Pad 1	17	7/27/2006	64-square foot cellar with gravel to the surface. Gravel has a hydrocarbon odor.	No	PM1-17	Four point composite soil/sediment sample collected in a 4-oz amber jar.
M Pad	31	7/28/2006	64-square foot lined cellar with a depth of 4 feet and standing fluid. Fluid thickness is 1.5 inches. Silty residue present on the liner underneath the fluid. Estimated fluid volume is 60 gallons. Some debris present in cellar.	Yes	PBUM-31	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix was clear.
M Pad	15	7/28/2006	64-square foot cellar with a depth of 3.5 feet and standing fluid surrounding the well. Gravel is present on the edges of the cellar. Gravel has a hydrocarbon odor.	Yes	PBUM-15	One 500-ml polyethylene bottle of fluid collected for anions analysis. Four point composite soil/sediment sample collected in a 4-oz amber jar.

Pad	Well	Date of Inspection	Cellar Description	Fluids Present	Sample Location	Sample Description
M Pad	16	7/28/2006	64-square foot cellar with a depth of 4 feet and gravel base. Fluid is present in flutes around base of well. Gravel has a hydrocarbon odor.	Yes	PBUM-16	One 500-ml polyethylene bottle of fluid collected from the flutes for anions analysis. Four point composite soil/sediment sample collected in a 4-oz amber jar.
N Pad	6	7/28/2006	100-square foot cellar with a depth of 7 feet and gravel base. A small pool of fluid/product was located near the well. Estimated volume is less than one gallon.	Yes	PBUN-6	Four point composite soil/sediment sample collected in a 4-oz amber jar. One 500-ml polyethylene bottle of fluid collected for anions analysis. Two 40-ml vials of product collected for hydrocarbon ID.
N Pad	3	7/28/2006	64-square foot cellar with a depth of 4 feet and gravel base.	No	PBUN-3	Four point composite soil/sediment sample collected in a 4-oz amber jar.
R Pad	30	7/28/2006	64-square foot cellar with a depth of 4 feet and standing fluid. Fluid thickness is 1.5 feet. Fluid is two-phased with product on the surface. Estimated volume of fluid is 718 gallons.	Yes	PBUR-30	Two 40-ml vials of product collected from the surface of the fluid for hydrocarbon ID.
R Pad	35	7/28/2006	is present in the cellar. Estimated fluid volume is 20 gallons.	Yes	PBUR-35	one 500-ml polyethylene bottle of fluid collected for anions analysis.
R Pad	28	7/28/2006	64-square foot cellar with a depth of 4.5 feet and standing product around well. Edges of cellar have gravel base. Thickness of product is unknown. Well house floor is heavily stained.	Yes	PBUR-28	Two 40-ml vials of product collected for hydrocarbon ID. Five point composite soil/sediment sample collected in a 4-oz amber jar on 8/1/2006. Sample matrix was saturated with oil.
R Pad	9	7/28/2006	64-square foot lined cellar with a depth of 5 feet and standing fluid. Small amount of product on surface of fluid.	Yes	PBUR-9	One 500-ml polyethylene bottle of fluid collected from cellar for anions analysis. Two 40-ml vials of product collected for hydrocarbon ID.
R Pad	11	7/28/2006	64-square foot lined cellar with a depth of 5.5 feet and standing fluid in folds of liner. Thickness of fluid is 2 inches in the folds.	Yes	PBUR-11	One 500-ml polyethylene bottle of fluid collected for anions analysis.
R Pad	15	7/28/2006	64-square foot cellar with a depth of 2 feet and gravel base.	No	PBUR-15	Four point composite soil/sediment sample collected in a 4-oz amber jar.
R Pad	20	7/28/2006	64-square foot lined cellar with a depth of 5.5 feet and standing fluid. Thickness of fluid is 8 inches. Estimated fluid volume is 319 gallons.	Yes	PBUR-20	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix was yellow.
R Pad	24	7/28/2006	64-square foot lined cellar with a depth of 5 feet and standing fluid.	Yes	PBUR-24	Two 500-ml polyethylene bottles of fluid collected for anions analysis: primary and duplicate sample.
R Pad	27	7/28/2006	64-square foot cellar with a depth of 2.5 feet and gravel base. Cellar base is heavily stained.	No	PBUR-27	Four point composite soil/sediment sample collected in two 4-oz amber jars: primary and duplicate sample.
Milne Point	F-13	7/29/2006	64-square foot cellar with a drip pan underneath well. Fluids present both inside and outside drip pan.	Yes	MPF-13	Two 500-ml polyethylene bottles of fluid collected for anions analysis: one from inside the drip pan and one from outside drip pan.
Milne Point	F-25	7/29/2006	64-square foot cellar with a drip pan underneath well. Fluid present inside drip pan.	Yes	MPF-25	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix was rust colored.

		Date of		Fluids	Sample	
Pad	Well	Inspection	Cellar Description	Present	Location	Sample Description
Milne Point	G-7	7/29/2006	64-square foot cellar with a depth of 5 feet and a drip pan underneath well. Fluid	Yes	MPG-7	One 500-ml polyethylene bottle of fluid collected from inside drip pan for anions analysis. Sample matrix was vellow
Milne Point	B-6	7/29/2006	64-square foot cellar with a depth of 4.5 feet. The cellar has a concrete base.	No	MPB-6	A grab sample of the concrete collected in a 4-oz amber jar.
Milne Point	G-3	7/29/2006	64-square foot cellar with a depth of 5 feet and a drip pan underneath well. Five inches of fluid was present in drip pan. The drip pan have a diameter of 5 feet. Estimated fluid volume in the drip pan is 61 gallons.	Yes	MPG-3	Three 500-ml polyethylene bottles of fluid collected for anions analysis: two as a MS/MSD primary sample and one for a duplicate sample.
W Pad	9	7/29/2006	64-square foot cellar with a depth of 5 feet and gravel base.	No	PBUW-9	Four point composite soil/sediment sample collected in two 4-oz amber jars: primary and duplicate sample.
S Pad	14	7/29/2006	64-square foot cellar with a depth of 6 feet and gravel base.	No	PBUS-14	Four point composite soil/sediment sample collected in two 4-oz amber jars: MS/MSD sample.
S Pad	33	7/29/2006	64-square foot lined cellar with a depth of 5 feet and standing fluid in folds of liner and in flutes around conductor. Product is floating on top of the fluid in the flutes.	Yes	PBUS-33	One 500-ml polyethylene bottle of fluid collected from flutes for anions analysis. Sample matrix is yellow. Two 40-ml vials of product collected from flutes for hydrocarbon ID.
S Pad	16	7/29/2006	64-square foot lined cellar with a depth of 5 feet and standing fluid in folds of liner. Thickness of fluid is 1.5 in the folds.	Yes	PBUS-16	Two 500-ml polyethylene bottles of fluid collected for anions analysis: primary and duplicate sample.
J Pad	7	7/30/2006	50-square foot cellar with a depth of 6 feet and standing fluid in cellar. Average depth of fluid is 0.5 feet. Estimated fluid volume is 187 gallons. Thin layer of sediment visible underneath fluid. Debris is present in the cellar. Gravel inside the well house is stained.	Yes	PBUJ-7	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix was yellow.
J Pad	3	7/30/2006	80-square foot lined cellar with a depth of 4 feet and standing fluid in cellar. The liner collapses toward the bottom, creating only about 40 square feet of fluids at the base of cellar. The thickness of the fluid is 1.5 feet. Estimated fluid volume is 449 gallons. The gravel in the well house has some staining.	Yes	PBUJ-3	Two 500-ml polyethylene bottles of fluid collected for anions analysis: primary and duplicate sample. Sample matrix was light brown.
H Pad	25	7/30/2006	80-square foot cellar with a depth of 3 feet and standing fluid on approximately 25 square feet of cellar base. Thickness of fluid is 4 inches. Estimated fluid volume is 62 gallons. The rest of the cellar base is gravel that has a hydrocarbon when disturbed. One piece of metal debris observed in the cellar.	Yes	PBUH-25	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix has a light brown color. Five point composite soil/sediment sample collected in a 4-oz amber jar from non-saturated areas.
H Pad	20	7/30/2006	80-square foot cellar with a depth of 4 feet and gravel base. Hydrocarbon odor is present in the well house. Some staining is evident on gravel in well house. Some paper debris is present in cellar.	No	PBUH-20	Five point composite soil/sediment sample collected in two 4-oz amber jars: primary and duplicate sample.
H Pad	29	7/30/2006	80-square foot cellar with a depth of 3 feet and gravel base. Staining is evident in cellar.	No	PBUH-29	Five point composite soil/sediment sample collected in a 4-oz amber jar. Sample matrix had hydrocarbon odor.

Pad	Well	Date of Inspection	Cellar Description	Fluids Present	Sample Location	Sample Description
H Pad	31	7/30/2006	64-square foot lined cellar with product present on 75% of liner. Thickness of product is 3 inches. Estimated product volume is 90 gallons.	Yes	PBUH-31	Two 40-ml vials of product collected for hydrocarbon ID.
H Pad	11	7/30/2006	64-square foot lined cellar with fluid present on 60% of liner. Thickness of fluid is 2 inches. 20% of the fluid had a sheen on it. The sheen contained globules of grease scum. Estimated fluid volume is 48 gallons. Widespread staining is evident on gravel floor of well house.	y Yes	PBUH-11	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix is clear. Six point composite gravel sample collected in a 4-oz amber jar from the floor of the well house.
Y Pad	38	7/30/2006	50-square foot cellar with a depth of 2 feet and gravel base. Small oily drips are visible around the well.	No	PBUY-38	Five point composite soil/sediment sample collected in a 4-oz amber jar. Sample matrix had hydrocarbon odor.
P Pad	17	7/30/2006	80-square foot cellar with a depth of 2 feet and gravel base.	No	PBUP-17	Five point composite soil/sediment sample collected in a 4-oz amber jar. Sample matrix had hydrocarbon odor.
D Pad	4	7/30/2006	50-square foot lined cellar with a depth of 7 feet and standing fluid in cellar. Average depth of fluid is 4 feet. Estimated fluid volume is 1,500 gallons. Debris is floating on fluid.	Yes	PBUD-4	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix was light brown. Sample collected throughout standing fluid column by moving pump during sampling.
D Pad	29	7/30/2006	50-square foot lined cellar with a depth of 3.5 feet and standing fluid in cellar. Average depth of fluid is 1.5 feet. Fluid has a sheen on it and globules of grease scum. Estimated fluid volume is 561 gallons. A sorbent pad is floating on fluid.	Yes	PBUD-29	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix was brown with a sheen. Sample collected throughout standing fluid column by moving pump during sampling.
D Pad	14	7/30/2006	64-square foot cellar with a depth of 5 feet and gravel base. The well had recently been serviced and the well house had been removed. Some metal debris was present in cellar.	No	PBUD-14	Five point composite soil/sediment sample collected in a 4-oz amber jar. Sample matrix contained clays in addition to the usual gravelly sand matrix.
D Pad	13	7/30/2006	80-square foot lined cellar with standing fluid on approximately 40% of cellar base. Thickness of fluid is 2 inches. Estimated fluid volume is 40 gallons.	Yes	PBUD-13	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample matrix was yellow with suspended solids and a light sheen.
D Pad	22	7/30/2006	80-square foot cellar with a depth of five feet and two areas of standing fluid. One area covers 33% of cellar base and has a thickness of one inch. The second area covers 10% of cellar base and has a thickness of 2 inches with grease scum floatinc on the fluid. Estimated fluid volume is 27 gallons. Some debris (metal, paper, and rags) was present in the cellar.) Yes	PBUD-22	One 500-ml polyethylene bottle of fluid collected for anions analysis. Sample split between the two areas of fluid.
A Pad	1	7/31/2006	80-square foot cellar with a gravel base.	No	PBUA-1	Five point composite soil/sediment sample collected in two 4-oz amber jars (MS/MSD sample).
A Pad	43	7/31/2006	50-square foot lined cellar with a depth of 4 feet and standing product in cellar. Average depth of product is 1 inch. Estimated product volume is 31 gallons. Cellar has a concrete base. Product also is in flutes around well.	Yes	PBUA-43	Two 40-ml vials of product collected for hydrocarbon ID

		Date of		Fluids	Sample	
Pad	Well	Inspection	Cellar Description	Present	Location	Sample Description
A Pad	41	7/31/2006	50-square foot cellar with a depth of 2 inches and gravel base. Fluid is present in flutes around well. Depth of fluid appears to be 2 inches. Estimated volume of fluid in flutes is 0.4 gallon.	Yes	PBUA-41	One 500-ml polyethylene bottle of fluid collected from flutes for anions analysis. Sample matrix is brown. Five point composite soil/sediment sample collected in a 4- oz amber jar. Sample matrix had a light hydrocarbon odor.
A Pad	34	7/31/2006	80-square foot cellar with a depth of 1.5 feet and standing fluid in cellar. Thickness of fluid is 8 inches. Estimated fluid volume is 400 gallons. Gravelly base underneath fluid.	Yes	PBUA-34	Two 500-ml polyethylene bottles of fluid collected for anions analysis: primary and duplicate sample. Sample matrix was light brown with suspended solids.
A Pad	13	7/31/2006	80-square foot lined cellar with a depth of 4 feet and standing fluid in 10% of the cellar. Thickness of fluid is 3 inches. Estimated fluid volume is 15 gallons. Fluid has floating grease scum.	Yes	PBUA-13	Two 500-ml polyethylene bottles of fluid collected for anions analysis (MS/MSD sample). Sample matrix was brown with floating grease scum.
A Pad	18	7/31/2006	80-square foot cellar with a depth of 3 feet and gravel base. Some metal and paper debris in cellar. Staining around base of well is evident.	No	PBUA-18	Five point composite soil/sediment sample collected in a 4-oz amber jar. Sample matrix has strong hydrocarbon odor.
N Pad	6	7/31/2006	Tundra pond sample collected near well house 6. A light sheen is visible on the pond, although it is uncertain as to whether it is petroleum or biogenic.	N/A	PBUN-6	Three 40-ml vials preserved with HCL filled for GRO/BTEX. Two 1-liter ambers preserved with HCL filled for DRO. Two one-liter ambers filled for PAHs.
Drill Site 6	14	7/31/2006	50-square foot cellar with a depth of one foot and gravel base.	No	PBU6-14	Five point composite soil/sediment sample collected in a 4-oz amber jar.

Key:

BTEX = benzene, toluene, ethylbenzene, xylenes

DRO = diesel range organics

HCL = hydrochloric acid

GRO = gasoline range organics

mL = milliliter

MS/MSD = matrix spike/matrix spike duplicate

N/A = not applicable

oz = ounce

TABLE 2

THIS PAGE INTENTIONALLY BLANK

Table 2 Well Cellar Inspections Analytical Summary

			Fluid Data							Sediment Data				
						Ani	ons			Hydro	carbon Identif	ication		
Pad	Well	Sample Number	Salinity (g/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrite-N (mg/L)	Bromide (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Gasoline Range (mg/kg wet)	Diesel Range (mg/kg-wet)	Heavy Range (mg/kg-wet)	DRO (mg/kg)	RRO (mg/kg)
North Star	29	06-WellCl-1001	115	63700	ND (50.0)	ND (100)	58.0	6.20	2240	DET ^a	DET ^a	ND (10000)	NA	NA
Drill Site 13	27	06-WellCl-1002	0.016	8.88	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	2.84	NA	NA	NA	NA	NA
Drill Site 6	20	06-WellCl-1003	1.90	1050	ND (0.500)	ND (1.00)	1.88	ND (0.100)	239	NA	NA	NA	NA	NA
Drill Site 6	17	06-WellCI-1004	10.5	5790	ND (5.00)	ND (1.00)	ND (5.00)	ND (1.00)	752	NA	NA	NA	NA	NA
Drill Site 6	15	06-WellCl-1005 06-WellCl-1089	0.262	145	ND (0.500)	ND (0.100)	11.5	ND (0.100)	744	DET °	DET °	DET °	8810 J	1960 J
Drill Site 6	14	06-WellCI-1087	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.5 J	24.5 J
Drill Site 7	26	06-WellCI-1006	0.952	527	ND (0.500)	ND (1.00)	1.98	ND (0.100)	73.4	NA	NA	NA	NA	NA
X Pad	16	06-WellCI-1007	0.0237	13.1	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	8.15	NA	NA	NA	NA	NA
X Pad	17	06-WellCl-1008	0.0213	11.8	ND (0.500)	ND (0.100)	ND (0.500)	0.20	8.38	NA	NA	NA	NA	NA
X Pad	33	06-WellCl-1009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2570 J	2040 J
B Pad	18	06-WellCI-1010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9800 J	4910 J
B Pad	25	06-WellCI-1011	0.275	152	ND (0.500)	ND (0.100)	0.68	ND (0.100)	46.6	NA	NA	NA	NA	NA
K Pad	14	06-WellCI-1012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88400 J	53100 J
K Pad	13	06-WellCI-1013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7620 J	1860 J
E Pad	15	06-WellCI-1014	3.79	2100	ND (5.00)	ND (1.00)	ND (5.00)	ND (1.00)	886	NA	NA	NA	NA	NA
E Pad	20	06-WellCI-1015	0.0905	50.1	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	67.5	NA	NA	NA	NA	NA
G Pad	19	06-WellCI-1016	0.0134	7.42	ND (0.500)	ND (0.100)	ND (0.500)	0.35	11.0	DET ^b	DET ^b	DET ^b	NA	NA
C Pad	17	06-WellCI-1017	3.16	1750	ND (5.00)	ND (1.00)	4.00	ND (0.100)	78.9	NA	NA	NA	NA	NA
Drill Site 11	34	06-WellCI-1018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2280 J	746 J
Drill Site 11	12	06-WellCI-1019	0.0128	7.11	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	4.92	NA	NA	NA	NA	NA
Drill Site 11	38	06-WellCl-1020	0.782	433	ND (0.500)	1.57	6.04	0.96	95.7	NA	NA	NA	5.46 J	ND (10.3)
Drill Site 4	40	06-WellCI-1021	0.894	495	ND (0.500)	ND (0.100)	1.00	0.16	166	NA	NA	NA	88.6 J	72.8 J
Drill Site 16	28	06-WellCI-1022	0.0623	34.5 J	ND (0.500)	0.14	ND (0.500)	ND (0.100)	12.4	NA	NA	NA	NA	NA
Duck Island	3-11	06-WellCI-1023	NA	NA	NA	NA	NA	NA	NA	DET ^b	DET ^b	DET ^b	NA	NA
		06-WellCl-1024	NA	NA	NA	NA	NA	NA	NA	DET ^b	DET ^b	DET ^b	NA	NA
Point McIntyre Pad 2	15	06-WellCI-1025	0.658	364	ND (0.500)	ND (0.100)	1.37	ND (0.100)	42.2	NA	NA	NA	NA	NA
Point McIntyre Pad 2	58	06-WellCI-1026	0.43	238	ND (0.500)	0.10	0.99	0.85	89.2	NA	NA	NA	NA	NA
Point McIntyre Pad 1	17	06-WellCI-1027	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	947 J	339 J
M Pad	31	06-WellCI-1028	0.0914	50.6	3.28	ND (0.100)	ND (0.500)	ND (0.100)	35.1	NA	NA	NA	NA	NA
M Pad	15	06-WellCl-1029 06-WellCl-1030	0.113	62.5	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	56.3	NA	NA	NA	1260 J	602 J
M Pad	16	06-WellCl-1031 06-WellCl-1032	0.0856	47.4	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	25.0	NA	NA	NA	7050 J	1900 J

Table 2 Well Cellar Inspections Analytical Summary

			Fluid Data								Sediment Data			
						An	ions			Hydro	carbon Identif	ication		
Pad	Well	Sample Number	Salinity (g/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrite-N (mg/L)	Bromide (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Gasoline Range (mg/kg- wet)	Diesel Range (mg/kg-wet)	Heavy Range (mg/kg-wet)	DRO (mg/kg)	RRO (mg/kg)
N Pad	6	06-WellCl-1033 06-WellCl-1034 06-WellCl-1035	0.444	246	ND (0.500)	ND (0.100)	0.68	ND (0.100)	3.01	ND (1670)	ND (4170)	ND (8330)	4700 J	7550 J
N Pad	3	06-WellCI-1036	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22300 J	6220 J
R Pad	30	06-WellCl-1037	NA	NA	NA	NA	NA	NA	NA	ND (1670)	ND (4170)	ND (8330)	NA	NA
R Pad	35	06-WellCI-1038	3.22	1780	2.20	ND (1.00)	6.74	1.96	152	NA	NA	NA	NA	NA
R Pad	28	06-WellCI-1039 06-WellCI-1040	NA	NA	NA	NA	NA	NA	NA	DET ^b	DET ^b	DET ^b	35200 J	32000 J
R Pad	9	06-WellCI-1040 06-WellCI-1041	6.85	3790	1.70	ND (10.0)	127	ND (0.100)	1460	ND (1430)	DET ^a	ND (7140)	NA	NA
R Pad	11	06-WellCl-1042	0.426	236	ND (0.500)	ND (0.100)	0.80	ND (0.100)	29.8	NA	NA	NA	NA	NA
R Pad	15	06-WellCl-1043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2830 J	3330 J
R Pad	20	06-WellCl-1044	0.186	103	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	34.2	NA	NA	NA	NA	NA
R Pad	24	06-WellCl-1045	0.0609	33.7	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	14.8	NA	NA	NA	NA	NA
Duplicate		06-WellCI-1046	0.0603	33.4	ND (0.500)	ND (0.100)	ND (0.500)	ND (0.100)	14.4	NA	NA	NA	NA	NA
R Pad	27	06-WellCI-1047	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3970 J	5660 J
Duplicate		06-WellCI-1048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4910 J	7210 J
Milne Point	F-13	06-WellCl-1049	4.79	2650 J	ND (5.00)	ND (1.00)	ND (5.00)	ND (1.00)	2120	NA	NA	NA	NA	NA
		06-WellCI-1050	0.979	542 J	ND (0.500)	ND (10.0)	ND (50.0)	ND (10.0)	442	NA	NA	NA	NA	NA
Milne Point	F-25	06-WellCI-1051	0.119	65.6	ND (0.500)	0.10	10.1	0.18	20.6	NA	NA	NA	NA	NA
Milne Point	G-7	06-WellCl-1052	0.459	254	ND (0.500)	0.18	7.49	0.71	25.0	NA	NA	NA	NA	NA
Milne Point	B-6	06-WellCI-1053	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	480 J	386 J
Milne Point	G-3	06-WellCl-1054	0.0419	23.2	ND (0.500)	ND (0.100)	0.73	ND (0.100)	35.9	NA	NA	NA	NA	NA
Duplicate		06-WellCI-1055	0.0421	23.3	ND (0.500)	ND (0.100)	0.73	ND (0.100)	36.2	NA	NA	NA	NA	NA
W Pad	9	06-WellCI-1056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13700 J	29000 J
Duplicate		06-WellCI-1057	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10900 J	21600 J
S Pad	14	06-WellCI-1058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7010 J	725 J
S Pad	33	06-WellCl-1059 06-WellCl-1060	2.75	1520	ND (500)	ND (100)	ND (500)	ND (100)	18900	DET ^a	DET ^a	DET ^a	NA	NA
S Pad	16	06-WellCI-1061	0.0809	44.8 J	ND (0.500)	ND (0.100)	0.52	ND (0.100)	46.0	NA	NA	NA	NA	NA
Duplicate		06-WellCl-1062	0.0836	46.3	ND (0.500)	ND (0.100)	0.55	ND (0.100)	47.7	NA	NA	NA	NA	NA
J Pad	7	06-WellCl-1063	16.2	8960 J	6.36	ND (10.0)	ND (50.0)	ND (10.0)	2560	NA	NA	NA	NA	NA
J Pad	3	06-WellCI-1064	0.0201	11.1	ND (0.500)	ND (0.100)	ND (0.500)	0.52	8.13	NA	NA	NA	NA	NA
Duplicate		06-WellCI-1065	0.0195	10.8 J	ND (0.500)	ND (0.100)	ND (0.500)	0.45	8.06	NA	NA	NA	NA	NA

Table 2Well Cellar InspectionsAnalytical Summary

				Fluid Data										Sediment Data	
						Ani	ons			Hydro	carbon Identif	ication			
										Gasoline					
		Sample	Salinity	Chloride	Fluoride	Nitrite-N	Bromide	Nitrate-N	Sulfate	Range (mg/kg-	Diesel Range	Heavy Range	DRO	RRO	
Pad	Well	Number	(g/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	wet)	(mg/kg-wet)	(mg/kg-wet)	(mg/kg)	(mg/kg)	
H Pad	25	06-WellCl-1066	0.215	119 J	ND (0.500)	ND (0.100)	1.40	ND (0.100)	494	NA	NA	NA	10100 J	8150 J	
H Pad	20	06-WellCl-1067	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4730 J	951 J	
Duplicate		06-WellCl-1068	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4530 J	710 J	
H Pad	29	06-WellCl-1069	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4890 J	4390 J	
H Pad	31	06-WellCl-1070	NA	NA	NA	NA	NA	NA	NA	DET ^b	DET ^b	DET ^b	NA	NA	
H Pad	11	06-WellCl-1071	0.0979	54.2 J	ND (0.500)	ND (0.100)	ND(0.500)	ND (0.100)	12.1	NA	NA	NA	4290 J	536 J	
Y Pad	38	06-WellCl-1072	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11800 J	5420 J	
P Pad	17	06-WellCl-1073	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2740 J	1250 J	
D Pad	4	06-WellCl-1074	0.0836	46.3 J	ND (0.500)	ND (0.100)	ND(0.500)	ND (0.100)	34.7	NA	NA	NA	NA	NA	
D Pad	29	06-WellCl-1075	0.0591	32.7 J	ND (0.500)	0.51	ND(0.500)	1.27	39.4	NA	NA	NA	NA	NA	
D Pad	14	06-WellCl-1076	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17300 J	6720 J	
D Pad	13	06-WellCl-1077	1.91	1060 J	ND (0.500)	ND (0.100)	31.3	ND (0.100)	205	NA	NA	NA	NA	NA	
D Pad	22	06-WellCl-1078	1.42	784 J	ND (5.00)	ND (1.00)	ND (5.00)	ND (1.00)	245	NA	NA	NA	NA	NA	
A Pad	1	06-WellCl-1079	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	337 J	489 J	
A Pad	43	06-WellCl-1080	NA	NA	NA	NA	NA	NA	NA	DET ^b	DET ^b	DET ^b	NA	NA	
A Pad	41	06-WellCl-1081	0.175	97.1	ND (0.500)	ND (0.100)	0.72	ND (0.100)	112	NA	NA	NA	4190 J	1270 J	
A Pad	34	06-WellCl-1082	0.405	224 J	ND (0.500)	0.22	1.06	0.93	99.3	NA	NA	NA	NA	NA	
Duplicate		06-WellCl-1083	0.462	256 J	ND (0.500)	0.26	1.12	0.99	121	NA	NA	NA	NA	NA	
A Pad	13	06-WellCl-1084	0.397	220 J	ND (0.500)	ND (0.100)	1.88	ND (0.100)	65.3	NA	NA	NA	NA	NA	
A Pad	18	06-WellCl-1085	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5100 J	2080 J	

Notes:

Nitrite-N and Nitrate-N samples analyzed outside of EPA recommended holding times

Flagged chloride data for corresponding matrix spike recoveries outside of control limits

Flagged DRO and RRO data for surrogate recoveries and corresponding matrix spike recoveries outside of control limits Values in parentheses are laboratory reporting limits

Key:

a = Hydrocarbons appear to be a light, diesel-range product such as kerosene or jet fuel.

b = Hydrocarbons appear to be a bunker oil or similar fuel oil.

c = Hydrocarbons appear to be a light, diesel0range product such as kerosene or jet fuel, as well as bunker oil or similar fuel oil.

DET = Analyte detected at or above reporting limit. Qualitative analysis only.

DRO = Diesel range organics

g/L = grams per liter

J = Estimated value

mg/L = milligrams per liter

mg/kg = milligrams per kilogram

NA = Not analyzed

ND = Not detected

RRO = Residual range organics

THIS PAGE INTENTIONALLY BLANK

TABLE 3

THIS PAGE INTENTIONALLY BLANK

Table 3Well Cellar InspectionsTundra Pond Samples Near Well House 6 at N Pad

Analyte	Sample 06-WellCI-1086	Alaska Water Quality Standards
Alaska Fuel Methods (mg/L)		
Gasoline Range Organics	ND (0.080)	No Sheen
Diesel Range Organics	1.68	No Sheen
Volatile Organic Compounds (µg/L)		
Benzene	ND (0.500)	5
Toluene	0.929	1000
Ethylbenzene	ND (0.500)	700
Xylenes	ND (1.00)	10000
ТАН	2.929	10
Polynuclear Aromatic Hydrocarbons	(µg/L)	
Acenaphthene	ND (0.0777)	1200
Acenaphthylene	ND (0.0388)	
Anthracene	ND (0.0388)	9600
Benzo(a)anthracene	ND (0.0194)	
Benzo(a)pyrene	ND (0.0194)	0.2
Benzo(b)fluoranthene	ND (0.0194)	
Benzo(ghi)perylene	ND (0.0388)	
Benzo(k) fluoranthene	ND (0.0194)	
Chrysene	ND (0.0194)	
Dibenzo(a,h)anthracene	ND (0.0194)	
Fluoranthene	ND (0.0388)	300
Fluorene	ND (0.0388)	1300
Indeno(1,2,3-cd)pyrene	ND (0.0194)	
Naphthalane	0.331	
Phenanthrene	ND (0.0388)	
Pyrene	ND (0.0388)	960
ТАqН	0.8161	15

Notes:

Alaska Water Quality Standards taken from 18 AAC 70 and Alaska Water Quality Criteria Manual for Toxic and Other Deleterious Organic and Inorganic Substances

Surrogate recovery of the MS/MSD sample for GRO is outside control limits

Relative percent differences between laboratory and laboratory control samples for DRO is outside limit. Relative percent differences between laboratory and laboratory control samples for BTEX is outside limit. MS/MSD recoveries and relative percent differences for BTEX are outside control limits. Values in parentheses are laboratory reporting limits

Key:

- AAC = Alaska Administrative Code
- BTEX = benzene, toluene, ethylbenzene, xylenes
- DRO = diesel range organics
- GRO = gasoline range organics
- µg/L = micrograms per liter
- mg/L = milligrams per liter
- MS/MSD = matrix spike/matrix spike duplicate
- TAH = Total Aromatic Hydrocarbons
- TAqH = Total Aqueous Hydrocarbons

THIS PAGE INTENTIONALLY BLANK

LABORATORY ANALYTICAL REPORTS

THIS PAGE INTENTIONALLY BLANK



August 21, 2006

Brad Authier Oasis Environmental 825 W. 8th Ave. Ste. 200 Anchorage, AK 99501

RE: BPXA Well Cellar Inspection

Enclosed are the results of analyses for samples received by the laboratory on 08/02/06 10:00. The following list is a summary of the Work Orders contained in this report, generated on 08/21/06 16:42.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPH0137	BPXA Well Cellar Inspection	Cost Center PBPENOTHR

TestAmerica - Portland, OR

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR Brad Authier

Report Created: 08/21/06 16:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
06-WellC1-1011	PPH0137-01	Water	07/26/06 11:50	08/02/06 10:00
06-WellC1-1003	PPH0137-02	Water	07/25/06 19:45	08/02/06 10:00
06-WellC1-1004	PPH0137-03	Water	07/25/06 19:55	08/02/06 10:00
06-WellC1-1007	PPH0137-04	Water	07/26/06 09:00	08/02/06 10:00
06-WellC1-1006	PPH0137-05	Water	07/26/06 08:15	08/02/06 10:00
06-WellC1-1002	PPH0137-06	Water	07/25/06 19:05	08/02/06 10:00
06-WellC1-1005	PPH0137-07	Water	07/25/06 20:20	08/02/06 10:00
06-WellC1-1014	PPH0137-08	Water	07/26/06 14:45	08/02/06 10:00
06-WellC1-1008	PPH0137-09	Water	07/26/06 09:20	08/02/06 10:00
06-WellC1-1026	PPH0137-10	Water	07/27/06 16:50	08/02/06 10:00
06-WellC1-1020	PPH0137-11	Water	07/27/06 09:40	08/02/06 10:00
06-WellC1-1017	PPH0137-12	Water	07/26/06 16:20	08/02/06 10:00
06-WellC1-1015	PPH0137-13	Water	07/26/06 15:20	08/02/06 10:00
06-WellC1-1001	PPH0137-14	Water	07/25/06 15:30	08/02/06 10:00

TestAmerica - Portland, OR

Mary a. F.J. Sing

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/21/06 16:42

	Anions per EPA Method 300.0 TestAmerica - Portland, OR												
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes		
PPH0137-01	(06-WellC1-1011)		Wa	ter		Sam	107/2 npled:	6/06 11:50					
Chloride		EPA 300.0	152		5.00	mg/l	10x	6080432	08/09/06 09:24	08/09/06 21:10			
PPH0137-02	(06-WellC1-1003)		Wa	ter		Sam	107/2 107/2	5/06 19:45					
Chloride		EPA 300.0	1050		50.0	mg/l	100x	6080432	08/09/06 09:24	08/11/06 04:08			
PPH0137-03	(06-WellC1-1004)		Wa	ter		Sam	1pled: 07/2	5/06 19:55					
Chloride		EPA 300.0	5790		500	mg/l	1000x	6080432	08/09/06 09:24	08/16/06 19:33			
PPH0137-04	(06-WellC1-1007)		Wa	ter		Sam	1pled: 07/2	6/06 09:00					
Chloride		EPA 300.0	13.1		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 22:21			
PPH0137-05	(06-WellC1-1006)		Wa										
Chloride		EPA 300.0	527 50.0 mg/l 100x 6						08/09/06 09:24	08/11/06 06:28			
PPH0137-06	(06-WellC1-1002)		Wa	ter		Sam	1pled: 07/2	5/06 19:05					
Chloride		EPA 300.0	8.88		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 23:45			
PPH0137-07	(06-WellC1-1005)		Wa	ter		Sam	1pled: 07/2	5/06 20:20					
Chloride		EPA 300.0	145		5.00	mg/l	10x	6080432	08/09/06 09:24	08/10/06 00:27			
PPH0137-08	(06-WellC1-1014)		Wa	ter		Sam	1pled: 07/2	6/06 14:45					
Chloride		EPA 300.0	2100		50.0	mg/l	100x	6080432	08/09/06 09:24	08/10/06 00:55			
PPH0137-09	(06-WellC1-1008)	Water Sampled: 07/26/06 09:20											
Chloride		EPA 300.0	11.8		0.500	mg/l	1x	6080432	08/09/06 09:24	08/10/06 01:09			
PPH0137-10	(06-WellC1-1026)		Wa	ter		Sam	1pled: 07/2	7/06 16:50					
Chloride	. ,	EPA 300.0	238		5.00	mg/l	10x	6080432	08/09/06 09:24	08/10/06 02:33			
PPH0137-11	(06-WellC1-1020)	0) Water Sampled: 07/27/06 09:40											
Chloride	. , ,	EPA 300.0	433		50.0	mg/l	100x	6080432	08/09/06 09:24	08/11/06 06:42			

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FA Since

Mary A. Fritzmann Smith, Project Manager



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created: 08/21/06 16:42

Anions per EPA Method 300.0 TestAmerica - Portland, OR														
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes			
PPH0137-12	(06-WellC1-1017)		Wa	ter		Sam	pled: 07/2	6/06 16:20						
Chloride		EPA 300.0 1750 50.0 mg/l 100x 6080432 08/09/06 09:24 08/11/06 06:56												
PPH0137-13	(06-WellC1-1015)		Wa	ter		Sam	pled: 07/2	6/06 15:20						
Chloride		EPA 300.0	50.1		5.00	mg/l	10x	6080432	08/09/06 09:24	08/10/06 03:58				
PPH0137-14	(06-WellC1-1001)	Water Sampled: 07/25/06 15:30												
Chloride	EPA 300.0 63700 5000 mg/l 10000x 6080432 08/09/06 09:24 08/11/06 07:10													

TestAmerica - Portland, OR

Mary a. F.J. Sing

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier

Report Created: 08/21/06 16:42

	Ion Scan per EPA Method 300.0 TestAmerica - Portland, OR													
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes			
PPH0137-01	(06-WellC1-1011)		Wa	ater		Samj	pled: 07/2	6/06 11:50						
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 20:56				
Nitrite-Nitrogen			ND		0.100	"	"	"		"	I-05			
Bromide		"	0.680		0.500	"	"	"		"				
Nitrate-Nitrogen			ND		0.100	"	"	"		"	I-05			
Sulfate		"	46.6		1.00	"		"	"	"				
PPH0137-02	(06-WellC1-1003)		Wa	ater		Samj	pled: 07/2	5/06 19:45						
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 21:24				
Nitrite-Nitrogen			ND		1.00	"	10x	"		08/09/06 21:38	I-05, R-05			
Bromide		"	1.88		0.500	"	1x	"	"	08/09/06 21:24				
Nitrate-Nitrogen		" ND 0.100 " " " " "												
Sulfate		" 239 10.0 " 10x " "												
PPH0137-03	(06 WallC1 1004)		W	ater		Sami	nled• 07/2	5/06 19.55						
11110137-03	(00-WellC1-1004)					Sum	picu: 07/2	0,00 17.00						
Fluoride		EPA 300.0	ND		5.00	mg/l	10x	6080432	08/09/06 09:24	08/09/06 21:52				
Nitrite-Nitrogen		"	ND		1.00	"	"	"		"	1-05			
Bromide			ND		5.00	"	"	"						
Nitrate-Nitrogen			ND		1.00			"		"	I-05			
Sulfate		"	752		10.0	"		"		08/09/06 22:06				
PPH0137-04	(06-WellC1-1007)		Wa	ater		Sam	pled: 07/2	6/06 09:00						
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 22:21				
Nitrite-Nitrogen			ND		0.100	"		"		"	I-05			
Bromide		"	ND		0.500	"		"		"				
Nitrate-Nitrogen		"	ND		0.100	"		"		"	I-05			
Sulfate		"	8.15		1.00	"			"	"				
PPH0137-05	(06-WellC1-1006)		Wa	ater		Samj	pled: 07/2	6/06 08:15						

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				P · · · · ·					
EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 22:49	
"	ND		1.00	"	10x	"	"	08/09/06 23:51	I-05, R-05
"	1.98		0.500	"	1x	"	"	08/09/06 22:49	
"	ND		0.100	"	"	"	"	"	1-05
"	73.4		1.00	"		"	"	"	
	EPA 300.0 " " "	EPA 300.0 ND " ND " 1.98 " ND " 73.4	EPA 300.0 ND " ND " 1.98 " ND " 73.4	EPA 300.0 ND 0.500 " ND 1.00 " 1.98 0.500 " ND 0.100 " 73.4 1.00	EPA 300.0 ND 0.500 mg/l " ND 1.00 " " 1.98 0.500 " " ND 0.100 " " 73.4 1.00 "	EPA 300.0 ND 0.500 mg/l lx " ND 1.00 " 10x " 1.98 0.500 " lx " 1.98 0.100 " " " 73.4 1.00 " "	EPA 300.0 ND 0.500 mg/l 1x 6080432 " ND 1.00 " 10x " " 1.98 0.500 " 1x " " ND 0.100 " " " " 73.4 1.00 " " "	EPA 300.0 ND 0.500 mg/l 1x 6080432 08/09/06 09:24 " ND 1.00 " 10x " " " 1.98 0.500 " 1x " " " 1.98 0.500 " 1x " " " ND 0.100 " " " " " 73.4 1.00 " " " "	EPA 300.0 ND 0.500 mg/l 1x 6080432 08/09/06 09:24 08/09/06 22:49 " ND 1.00 " 10x " " 08/09/06 23:51 " 1.98 0.500 " 1x " 08/09/06 22:49 " 1.98 0.500 " 1x " 08/09/06 22:49 " ND 0.100 " " " " " 73.4 1.00 " " " "

TestAmerica - Portland, OR

Mary a. FA Since

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary A. Fritzmann Smith, Project Manager



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier

Report Created: 08/21/06 16:42

	Ion Scan per EPA Method 300.0 TestAmerica - Portland, OR													
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes			
PPH0137-06	(06-WellC1-1002)		Wa	ater		Sam	pled: 07/2	5/06 19:05						
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 23:45				
Nitrite-Nitrogen		"	ND		0.100		"	"		"	1-05			
Bromide		"	ND		0.500		"	"		"				
Nitrate-Nitrogen		"	ND		0.100		"	"		"	1-05			
Sulfate		"	2.84		1.00				"	"				
PPH0137-07	(06-WellC1-1005)		Wa	ater		Sam	pled: 07/2	5/06 20:20						
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/10/06 00:13				
Nitrite-Nitrogen		"	ND		0.100		"	"		"	I-05			
Bromide	nide " 11.5 0.500 " " " " " "													
Nitrate-Nitrogen " ND 0.100 " " " " I-0														
Sulfate		"	744		10x		"	08/10/06 00:27						
PPH0137-08	(06-WellC1-1014)		Wa	ater		Sam	pled: 07/2	6/06 14:45						
Fluoride		EPA 300.0	ND		5.00	mg/l	10x	6080432	08/09/06 09:24	08/10/06 00:41	R-05			
Nitrite-Nitrogen		"	ND		1.00	"	"	"		"	I-05, R-05			
Bromide		"	ND		5.00		"	"		"	R-05			
Nitrate-Nitrogen		"	ND		1.00		"	"		"	1-05			
Sulfate		"	886		10.0		"		"	"				
PPH0137-09	(06-WellC1-1008)		Wa	ater		Sam	pled: 07/2	6/06 09:20						
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/10/06 01:09				
Nitrite-Nitrogen "ND 0.100 " " " " "											1-05			
Bromide "ND 0.500 " " " " "														
Nitrate-Nitrogen		"	0.200		0.100		"	"		"	1-05			
Sulfate		"	8.38		1.00	"			"	"				
PPH0137-10	(06-WellC1-1026)		Wa	ater		Sam	pled: 07/2	7/06 16:50						

	/								
Fluoride	EPA 300.0	ND	 0.500	mg/l	1x	6080432	08/09/06 09:24	08/10/06 02:19	
Nitrite-Nitrogen	"	0.100	 0.100	"	"	"		"	1-05
Bromide	"	0.990	 0.500	"	"	"		"	
Nitrate-Nitrogen	"	0.850	 0.100	"	"	"		"	I-05
Sulfate	"	89.2	 1.00	"	"	"		"	

TestAmerica - Portland, OR

Mary a. FA Since

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name:	
Project Number:	
Project Manager:	

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/21/06 16:42

			Ion Sc T	an per E estAmeric	E PA M a - Portla	ethod 3 and, OR	00.0				
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0137-11	(06-WellC1-1020)		Wa	ater		Sam	pled: 07/2	7/06 09:40			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/10/06 02:47	
Nitrite-Nitrogen		"	1.57		0.100	"	"	"		"	I-05
Bromide		"	6.04		0.500	"	"	"		"	
Nitrate-Nitrogen		"	0.960		0.100	"	"	"		"	I-05
Sulfate		"	95.7		10.0	"	10x		"	08/10/06 03:01	
PPH0137-12	(06-WellC1-1017)		Wa	ater		Sam	pled: 07/2	6/06 16:20			
Fluoride		EPA 300.0	ND		5.00	mg/l	10x	6080432	08/09/06 09:24	08/10/06 03:29	R-05
Nitrite-Nitrogen	trite-Nitrogen "ND 1.00 " " " " "										
Bromide		"	4.00	"		08/10/06 03:15					
Nitrate-Nitrogen		"	ND		0.100	"	"	"		"	I-05
Sulfate		"	78.9		1.00	"	"		"	"	
PPH0137-13	(06-WellC1-1015)		Wa	ater		Sam	pled: 07/2	6/06 15:20			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/10/06 03:44	
Nitrite-Nitrogen			ND		0.100	"	"	"		"	1-05
Bromide		"	ND		0.500	"	"	"		"	
Nitrate-Nitrogen			ND		0.100	"	"	"		"	I-05
Sulfate		"	67.5		1.00	"	"		"	"	
PPH0137-14	Water Sampled: 07/25/06 15:30										
Fluoride		EPA 300.0	ND		50.0	mg/l	100x	6080432	08/09/06 09:24	08/10/06 04:26	R-05
Nitrite-Nitrogen			ND		100	"	1000x	"		08/11/06 07:52	I-05, R-05
Bromide " 58.0 50.0 " 100x " " 08/10/06 04:26											
Nitrate-Nitrogen		"	6.20		1.00		10x			08/10/06 04:12	I-05

100

100x

TestAmerica - Portland, OR

Sulfate

Mary a. For Simul

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

08/10/06 04:26



2240



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/21/06 16:42

		Physi	cal Parameto Te	e rs per stAmeri	APHA ca - Portla	/ ASTM and, OR	I/EPA N	1ethods			
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0137-01	(06-WellC1-1011)		Wat	ter		Sam	npled: 07/2	6/06 11:50			
Salinity (Calc.)		SM 2520 Mod	0.275		0.00903	g/L	10x	[CALC]	08/09/06 09:24	08/09/06 21:10	
PPH0137-02	(06-WellC1-1003)		Wat	ter		Sam	npled: 07/2	5/06 19:45			
Salinity (Calc.)		SM 2520 Mod	1.90		0.0903	g/L	100x	[CALC]	08/09/06 09:24	08/11/06 04:08	
PPH0137-03	(06-WellC1-1004)		Wat	ter		Sam	npled: 07/2	5/06 19:55			
Salinity (Calc.)		SM 2520 Mod	10.5		0.903	g/L	1000x	[CALC]	08/09/06 09:24	08/16/06 19:33	
PPH0137-04	(06-WellC1-1007)		Wat	ter		Sam	npled: 07/2	6/06 09:00			
Salinity (Calc.)		SM 2520 Mod	0.0237		0.000903	g/L	lx	[CALC]	08/09/06 09:24	08/09/06 22:21	
PPH0137-05	(06-WellC1-1006)		Wat	ter		Sam	npled: 07/2	6/06 08:15			
Salinity (Calc.)		SM 2520 Mod	0.952		0.0903	g/L	100x	[CALC]	08/09/06 09:24	08/11/06 06:28	
PPH0137-06	(06-WellC1-1002)		Wat	ter		Sam	npled: 07/2	5/06 19:05			
Salinity (Calc.)		SM 2520 Mod	0.0160		0.000903	g/L	1x	[CALC]	08/09/06 09:24	08/09/06 23:45	
PPH0137-07	(06-WellC1-1005)		Wat	ter		Sam	npled: 07/2	5/06 20:20			
Salinity (Calc.)		SM 2520 Mod	0.262		0.00903	g/L	10x	[CALC]	08/09/06 09:24	08/10/06 00:27	
PPH0137-08	(06-WellC1-1014)		Wat	ter		Sam	pled: 07/2	6/06 14:45			
Salinity (Calc.)		SM 2520 Mod	3.79		0.0903	g/L	100x	[CALC]	08/09/06 09:24	08/10/06 00:55	
PPH0137-09	(06-WellC1-1008)		Water Sampled: 07/26/06 09:20								
Salinity (Calc.)		SM 2520 Mod	0.0213		0.000903	g/L	1x	[CALC]	08/09/06 09:24	08/10/06 01:09	
PPH0137-10	(06-WellC1-1026)		Wat	ter		Sam	pled: 07/2	7/06 16:50			
Salinity (Calc.)		SM 2520 Mod	0.430		0.00903	g/L	10x	[CALC]	08/09/06 09:24	08/10/06 02:33	
PPH0137-11	(06-WellC1-1020)		Wat	ter		Sam	npled: 07/2	7/06 09:40			
Salinity (Calc.)		SM 2520 Mod	0.782		0.0903	g/L	100x	[CALC]	08/09/06 09:24	08/11/06 06:42	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. For Singe

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/21/06 16:42

	Physical Parameters per APHA/ASTM/EPA Methods TestAmerica - Portland, OR													
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes			
PPH0137-12	(06-WellC1-1017)		Wa	ter		Sam	pled: 07/2	6/06 16:20						
Salinity (Calc.)		SM 2520 Mod	SM 2520 Mod 3.16 0.0903 g/L 100x [CALC] 08/09/06 09:24 08/11/06 06:56											
PPH0137-13	(06-WellC1-1015)		Wa	ter		Sam	pled: 07/2	6/06 15:20						
Salinity (Calc.)		SM 2520 Mod	0.0905		0.00903	g/L	10x	[CALC]	08/09/06 09:24	08/10/06 03:58				
PPH0137-14	(06-WellC1-1001)	001) Water Sampled: 07/25/06 15:30												
Salinity (Calc.)		SM 2520 Mod 115 9.03 g/L 10000x [CALC] 08/09/06 09:24 08/11/06 07:10												

TestAmerica - Portland, OR

Mary a. F.J. Sing

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

т 1

1 200 0

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

14 G

1.D

~

Report Created: 08/21/06 16:42

	An	ions per EPA	Test	300.0 - I America -	L aborat Portland,	OR OR	ality Con	itrol Ke	esuits					
QC Batch: 6080432	Water P	reparation M	ethod: W	Vet Chem										
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Blank (6080432-BLK1)								Extr	acted:	08/09/06 09	:24			
Chloride	EPA 300.0	ND		0.500	mg/l	1x							08/09/06 17:54	
LCS (6080432-BS1)								Extr	acted:	08/09/06 09	:24			
Chloride	EPA 300.0	10.3		0.500	mg/l	1x		10.0	103%	(90-110)			08/09/06 18:08	
Duplicate (6080432-DUP1)				QC Source:	PPH0132	-37		Extr	acted:	08/09/06 09	:24			
Chloride	EPA 300.0	7.47		0.500	mg/l	1x	7.42				0.672%	(20)	08/09/06 19:32	
Matrix Spike (6080432-MS1)				QC Source:	PPH0132	-37		Extr	acted:	08/09/06 09	:24			
Chloride	EPA 300.0	9.78		0.556	mg/l	1x	7.42	2.22	106%	(80-120)			08/09/06 19:46	
Matrix Spike (6080432-MS3)				QC Source:	PPH0132	-36		Extr	acted:	08/09/06 09	2:24			
Chloride	EPA 300.0	587		55.6	mg/l	100x	364	222	100%	(80-120)			08/14/06 23:10	
Matrix Spike Dup (6080432-MS	SD1)			QC Source:	PPH0132	-37		Extr	acted:	08/09/06 09	:24			
Chloride	EPA 300.0	9.74		0.556	mg/l	1x	7.42	2.22	105%	(80-120)	0.410%	(20)	08/09/06 20:00	

TestAmerica - Portland, OR

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/21/06 16:42

	Ion Scan per EPA Method 300.0 - Laboratory Quality Control Results TestAmerica - Portland, OR													
QC Batch: 6080432	Water P	reparation M	lethod: W	et Chem										
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	∾ REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (6080432-BLK1)								Ext	racted:	08/09/06 09	:24			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x							08/09/06 17:54	
Chloride	"	ND		0.500	"	"								
Nitrite-Nitrogen	"	ND		0.100	"	"							"	
Bromide	"	ND		0.500	"	"							"	
Nitrate-Nitrogen	"	ND		0.100	"	"							"	
Sulfate	"	ND		1.00	"	"							"	
LCS (6080432-BS1)								Ext	racted:	08/09/06 09	:24			
Fluoride	EPA 300.0	3.81		0.500	mg/l	1x		4.00	95.2%	(90-110)			08/09/06 18:08	
Chloride		10.3		0.500	"			10.0	103%					
Nitrite-Nitrogen		5.01		0.100	"	"		5.00	100%					
Bromide		20.9		0.500	"	"		20.0	104%					
Nitrate-Nitrogen		5.06		0.100	"	"		5.00	101%					
Sulfate	"	32.0		1.00	"			30.0	107%	"			"	
Duplicate (6080432-DUP1)				QC Source:	PPH0132-	-37		Ext	racted:	08/09/06 09	:24			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	ND				10.5%	6 (20)	08/09/06 19:32	
Chloride		7.47		0.500	"		7.42				0.672	% "		
Nitrite-Nitrogen		ND		0.100	"		ND				0.00%	6 "		
Bromide		ND		0.500	"		ND				10.5%	6 "		
Nitrate-Nitrogen		0.350		0.100	"	"	0.350				0.00%	6 "	"	

1.00

11.1

"

11.0

TestAmerica - Portland, OR

Sulfate

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

0.905% "

..





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/21/06 16:42

Notes and Definitions

Report Sp	pecif	<u>ic Notes:</u>						
I-05	-	This sample was received outside EPA recommended holding time.						
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.						
Laboratory Reporting Conventions:								
DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.						
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).						
NR/NA	-	Not Reported / Not Available						
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.						
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.						
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).						
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.						
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.						
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.						
Reporting	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and						

- Limits percent solids, where applicable.
- Electronic - Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Signature Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Portland, OR

Mary a. F.J. Sing

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Mary A. Fritzmann Smith, Project Manager





August 21, 2006

Brad Authier Oasis Environmental 825 W. 8th Ave. Ste. 200 Anchorage, AK 99501

RE: BPXA Well Cellar Inspection

Enclosed are the results of analyses for samples received by the laboratory on 08/04/06 12:15. The following list is a summary of the Work Orders contained in this report, generated on 08/21/06 16:49.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPH0270	BPXA Well Cellar Inspection	Cost Center PBPENOTHR

TestAmerica - Portland, OR

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR Brad Authier

Report Created: 08/21/06 16:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
06-Well Cl-1060	PPH0270-01	Other wet	07/29/06 15:45	08/04/06 12:15
06-Well Cl-1041	PPH0270-02	Other wet	07/28/06 15:10	08/04/06 12:15
06-Well Cl-1070	РРН0270-03	Other wet	07/30/06 11:30	08/04/06 12:15
06-Well Cl-1023	PPH0270-04	Other wet	07/27/06 13:20	08/04/06 12:15
06-Well Cl-1037	PPH0270-05	Other wet	07/28/06 13:10	08/04/06 12:15
06-Well Cl-1080	PPH0270-06	Other wet	07/31/06 07:50	08/04/06 12:15
06-Well Cl-1039	PPH0270-07	Other wet	07/28/06 14:15	08/04/06 12:15
06-Well Cl-1034	PPH0270-08	Other wet	07/28/06 10:50	08/04/06 12:15
06-Well Cl-1001	PPH0270-09	Other wet	07/25/06 15:30	08/04/06 12:15
06-Well Cl-1024	PPH0270-10	Other wet	07/27/06 14:00	08/04/06 12:15
06-Well Cl-1016	PPH0270-11	Other wet	07/26/06 15:50	08/04/06 12:15
06-Well Cl-1005	РРН0270-12	Other wet	07/25/06 20:20	08/04/06 12:15

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.




BPXA Well Cellar Inspection

Oasis Environmental

Cost Center PBPENOTHR 825 W. 8th Ave. Ste. 200 Project Number: Report Created: Anchorage, AK 99501 Project Manager: Brad Authier 08/21/06 16:49 Hydrocarbon Identification per NW-TPH Methodology TestAmerica - Portland, OR Method Analyte Result MRL Units Dil Batch Analyzed MDL* Prenared Notes Other wet Sampled: 07/29/06 15:45 PPH0270-01 (06-Well Cl-1060) R-05 NWTPH HCID DET 1820 mg/kg wet 6080395 08/08/06 16:00 08/08/06 18:38 A-01 **Gasoline Range Hydrocarbons** 1x 4550 " A-01 **Diesel Range Hydrocarbons** DET -----" .. " Heavy Oil Range Hydrocarbons DET 9090 117% 50 - 150 % Surrogate(s): 1-Chlorooctadecane Other wet Sampled: 07/28/06 15:10 PPH0270-02 (06-Well Cl-1041) R-05 NWTPH HCID 1430 ND 6080395 08/08/06 16:00 08/08/06 19:11 Gasoline Range Hydrocarbons ----mg/kg wet 1x 3570 A-01 DET **Diesel Range Hydrocarbons** -----., .. 7140 Heavy Oil Range Hydrocarbons ND -----112% 50 - 150 % Surrogate(s): 1-Chlorooctadecane Other wet Sampled: 07/30/06 11:30 PPH0270-03 (06-Well Cl-1070) R-05 NWTPH HCID DET 1430 6080395 08/08/06 16:00 08/08/06 19:44 A-02 **Gasoline Range Hydrocarbons** mg/kg wet 1x A-02 3570 " **Diesel Range Hydrocarbons** DET -----" .. ., ., .. ., A-02 Heavy Oil Range Hydrocarbons DET -----7140 Surrogate(s): 1-Chlorooctadecane 117% 50 - 150 % Other wet Sampled: 07/27/06 13:20 R-05 PPH0270-04 (06-Well Cl-1023) 08/08/06 16:00 A-02 NWTPH HCID DET 1430 6080395 08/08/06 20:17 **Gasoline Range Hydrocarbons** mg/kg wet 1x A-02 3570 **Diesel Range Hydrocarbons** DET -----., .. A-02 7140 Heavy Oil Range Hydrocarbons DET ,, 82.7% 50 - 150 % " Surrogate(s): 1-Chlorooctadecane Other wet Sampled: 07/28/06 13:10 PPH0270-05 (06-Well Cl-1037) R-05 NWTPH HCID 1670 6080395 08/08/06 16:00 08/08/06 20:50 Gasoline Range Hydrocarbons ND mg/kg wet 1x ., 4170 Diesel Range Hydrocarbons ND -----.,, 8330 ND Heavy Oil Range Hydrocarbons -----112% 50 - 150 % " " Surrogate(s): 1-Chlorooctadecane Sampled: 07/31/06 07:50 (06-Well Cl-1080) Other wet R-05 PPH0270-06 08/08/06 16:00 A-02 **Gasoline Range Hydrocarbons** NWTPH HCID DET ____ 2000 mg/kg wet 1x 6080395 08/08/06 21:22 5000 " .. ., A-02 **Diesel Range Hydrocarbons** DET ____, A-02 DET 10000 Heavy Oil Range Hydrocarbons ----215% " " 50 - 150 % S-02 Surrogate(s): 1-Chlorooctadecane

Project Name:

TestAmerica - Portland, OR

Mary a. F.J. Suind Mary A. Fritzmann Smith, Project Manager





BPXA Well Cellar Inspection Project Name: Cost Center PBPENOTHR 825 W. 8th Ave. Ste. 200 Project Number: Report Created: Anchorage, AK 99501 Project Manager: Brad Authier 08/21/06 16:49 Hydrocarbon Identification per NW-TPH Methodology TestAmerica - Portland, OR Method MRL Units Prepared Analyzed Analyte Result MDL* Dil Batch Notes Other wet Sampled: 07/28/06 14:15 PPH0270-07 R-05 (06-Well Cl-1039) 08/08/06 16:00 A-02 Gasoline Range Hydrocarbons NWTPH HCID DET 1330 mg/kg wet 1x 6080395 08/08/06 21:55 .. " A-02 **Diesel Range Hydrocarbons** .. DET 3330 .. ----.. " " A-02 6670 Heavy Oil Range Hydrocarbons DET ____ 102% 50 - 150 % Surrogate(s): 1-Chlorooctadecane PPH0270-08 Sampled: 07/28/06 10:50 Other wet (06-Well Cl-1034) R-05 NWTPH HCID 6080395 08/08/06 16:00 Gasoline Range Hydrocarbons ND 1670 mg/kg wet 1x 08/08/06 22:28 4170 " .. Diesel Range Hydrocarbons .. ND .. ., Heavy Oil Range Hydrocarbons ND 8330 ... -----Surrogate(s): 1-Chlorooctadecane 118% 50 - 150 % Sampled: 07/25/06 15:30 Other wet PPH0270-09 (06-Well Cl-1001) 08/08/06 09:40 A-01 NWTPH HCID **Gasoline Range Hydrocarbons** DET 2000 6080357 08/08/06 22:33 ----mg/kg wet 1x.. A-01 **Diesel Range Hydrocarbons** DET 5000 ____ ., .. 10000 Heavy Oil Range Hydrocarbons ND 94.8% 50 - 150 % Surrogate(s): 1-Chlorooctadecane Other wet Sampled: 07/27/06 14:00 PPH0270-10 (06-Well Cl-1024) NWTPH HCID 2000 6080357 08/08/06 09:40 08/08/06 23:04 A-02 DET mg/kg wet 1x **Gasoline Range Hydrocarbons** ., A-02 **Diesel Range Hydrocarbons** DET ----5000 .. ., ., A-02 Heavy Oil Range Hydrocarbons DET ____ 10000 51.2% 50 - 150 % Surrogate(s): 1-Chlorooctadecane Other wet Sampled: 07/26/06 15:50 PPH0270-11 (06-Well Cl-1016) NWTPH HCID 08/08/06 09:40 A-02 1670 1x 6080357 08/08/06 23:35 **Gasoline Range Hydrocarbons** DET mg/kg wet .,, DET 4170 .. A-02 **Diesel Range Hydrocarbons** .. ., A-02 8330 Heavy Oil Range Hydrocarbons DET -----" 61.9% 50 - 150 % " Surrogate(s): 1-Chlorooctadecane (06-Well Cl-1005) Other wet Sampled: 07/25/06 20:20 PPH0270-12 08/08/06 09:40 A-03 **Gasoline Range Hydrocarbons** NWTPH HCID DET ----2000 mg/kg wet 1x 6080357 08/09/06 00:06 .. " A-03 **Diesel Range Hydrocarbons** DET ____ 5000 A-03 DET 10000 Heavy Oil Range Hydrocarbons ----" " 72 7% 50 - 150 % Surrogate(s): 1-Chlorooctadecane

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. F.J. Suind Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/21/06 16:49

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results TestAmerica - Portland, OR QC Batch: 6080357 Soil Preparation Method: EPA 3550 Fuels [%] (Limits) REC Source Spike % RPD Analyte Method Result MDL* MRL Units Dil (Limits) Analyzed Notes Result Amt Blank (6080357-BLK1) Extracted: 08/08/06 09:40 NWTPH ND 20.0 08/08/06 18:54 Gasoline Range Hydrocarbons mg/kg wet 1x ------___ ---HCID .. 50.0 Diesel Range Hydrocarbons ND ---------------" 100 Heavy Oil Range Hydrocarbons ND Surrogate(s): 1-Chlorooctadecane 100% Limits: 50-150% " 08/08/06 18:54 Recovery: Duplicate (6080357-DUP1) QC Source: PPH0219-01 Extracted: 08/08/06 09:40 Gasoline Range Hydrocarbons NWTPH (50) 08/08/06 19:25 ND 16.1 mg/kg dry 1x ND NR ---HCID Diesel Range Hydrocarbons ND 40.1 .. ND NR ---.. " .. Heavy Oil Range Hydrocarbons ND ---80.3 ND NR ---Surrogate(s): 1-Chlorooctadecane 98.3% Limits: 50-150% 08/08/06 19:25 Recovery: QC Source: PPH0219-02 Extracted: 08/08/06 09:40 Duplicate (6080357-DUP2) Gasoline Range Hydrocarbons NWTPH ND ND (50) 08/08/06 19:56 ----15.7 mg/kg dry 1x --NR ------HCID Diesel Range Hydrocarbons ND 39.2 ... ND NR ., ... -----------.. " ... ND 784 ND NR Heavy Oil Range Hydrocarbons ---------Surrogate(s): 1-Chlorooctadecane Recovery: 96.0% Limits: 50-150% " 08/08/06 19:56

QC Batch: 6080395	Soil Pro	eparation M	ethod: EPA	A 3550 Fu	els									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Blank (6080395-BLK1)								Extr	acted:	08/08/06 16	:00			
Gasoline Range Hydrocarbons	NWTPH HCID	ND		20.0	mg/kg wet	1x							08/08/06 16:58	
Diesel Range Hydrocarbons	"	ND		50.0	"	"								
Heavy Oil Range Hydrocarbons	"	ND		100	"								"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	114%	L	imits: 50-150%	"							08/08/06 16:58	
Duplicate (6080395-DUP1)				QC Sourc	e: PPH0316-01			Extr	acted:	08/08/06 16	:00			
Gasoline Range Hydrocarbons	NWTPH HCID	ND		18.6	mg/kg dry	lx	ND				NR	(50)	08/08/06 17:32	
Diesel Range Hydrocarbons	"	ND		46.4	"	"	ND				NR			
Heavy Oil Range Hydrocarbons	"	ND		92.8	"		ND				NR	"	"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	108%	L	imits: 50-150%	"							08/08/06 17:32	
Duplicate (6080395-DUP2)				QC Source	e: PPH0316-02	2		Extr	acted:	08/08/06 16	:00			
Gasoline Range Hydrocarbons	NWTPH HCID	ND		21.8	mg/kg dry	1x	ND				NR	(50)	08/08/06 18:05	
Diesel Range Hydrocarbons	"	ND		54.4	"	"	ND				NR	"	"	

TestAmerica - Portland, OR

Mary a. FA Singe

The results in this report apply to the samples analyzed in accordance with the chain

of custody document. This analytical report must be reproduced in its entirety.





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/21/06 16:49

H	Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results TestAmerica - Portland, OR													
QC Batch: 6080395 Soil Preparation Method: EPA 3550 Fuels														
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Duplicate (6080395-DUP2)				QC Sourc	e: PPH0316-02			Extr	acted:	08/08/06 16	:00			
Heavy Oil Range Hydrocarbons	NWTPH HCID	ND		109	mg/kg dry	1x	ND				NR	(50)	08/08/06 18:05	
Surrogate(s): 1-Chlorooctadecane		Recovery:	102%	L	imits: 50-150%	"							08/08/06 18:05	

TestAmerica - Portland, OR

Mary a. F.J. Sing

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created:

08/21/06 16:49

Notes and Definitions

Report Sp	becif	ic Notes:
A-01	-	Detected hydrocarbons appear to be due to a light, diesel-range product such as kerosene or jet fuel.
A-02	-	Detected hydrocarbons appear to be due to bunker oil or similar fuel oil.
A-03	-	Detected hydrocarbons appear to be due to a light, diesel-range product such as kerosene or jet fuel, as well as bunker oil or similar fuel oil.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
S-02	-	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.
Laborator	y Re	eporting Conventions:
DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic- Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy.SignatureApplication of electronic signature indicates that the report has been reviewed and approved for release by the laboratory.
Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Portland, OR

Mary Q. For Simp Mary A. Fritzmann Smith, Project Manager





August 24, 2006

Brad Authier Oasis Environmental 825 W. 8th Ave. Ste. 200 Anchorage, AK 99501

RE: BPXA Well Cellar Inspection

Enclosed are the results of analyses for samples received by the laboratory on 08/02/06 09:45. The following list is a summary of the Work Orders contained in this report, generated on 08/24/06 18:33.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber_
PPH0132	BPXA Well Cellar Inspection	Cost Center PBPENOTHR

TestAmerica - Portland, OR

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR Brad Authier

Report Created: 08/24/06 18:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
06-WellC1-1044	PPH0132-01	Water	07/28/06 16:20	08/02/06 09:45
06-WellC1-1028	PPH0132-02	Water	07/28/06 08:25	08/02/06 09:45
06-WellC1-1042	PPH0132-03	Water	07/28/06 15:40	08/02/06 09:45
06-WellC1-1019	PPH0132-04	Water	07/27/06 09:15	08/02/06 09:45
06-WellC1-1021	PPH0132-05	Water	07/27/06 10:20	08/02/06 09:45
06-WellC1-1064	PPH0132-06	Water	07/30/06 08:40	08/02/06 09:45
06-WellC1-1030	PPH0132-07	Water	07/28/06 09:15	08/02/06 09:45
06-WellC1-1040	PPH0132-08	Water	07/28/06 15:00	08/02/06 09:45
06-WellC1-1035	PPH0132-09	Water	07/28/06 11:10	08/02/06 09:45
06-WellC1-1052	PPH0132-10	Water	07/29/06 11:05	08/02/06 09:45
06-WellC1-1038	PPH0132-11	Water	07/28/06 13:55	08/02/06 09:45
06-WellC1-1046	PPH0132-12	Water	07/28/06 17:15	08/02/06 09:45
06-WellC1-1059	PPH0132-13	Water	07/29/06 15:35	08/02/06 09:45
06-WellC1-1081	PPH0132-14	Water	07/31/06 08:20	08/02/06 09:45
06-WellC1-1055	PPH0132-15	Water	07/29/06 12:30	08/02/06 09:45
06-WellC1-1045	PPH0132-16	Water	07/28/06 17:05	08/02/06 09:45
06-WellC1-1032	PPH0132-17	Water	07/28/06 10:00	08/02/06 09:45
06-WellC1-1051	PPH0132-18	Water	07/29/06 10:20	08/02/06 09:45
06-WellC1-1054	PPH0132-19	Water	07/29/06 12:15	08/02/06 09:45
06-WellC1-1062	PPH0132-20	Water	07/29/06 17:00	08/02/06 09:45
06-WellC1-1061	PPH0132-21	Water	07/29/06 16:45	08/02/06 09:45
06-WellC1-1078	PPH0132-22	Water	07/30/06 16:50	08/02/06 09:45
06-WellC1-1049	PPH0132-23	Water	07/29/06 09:50	08/02/06 09:45
06-WellC1-1077	PPH0132-24	Water	07/30/06 16:20	08/02/06 09:45
06-WellC1-1050	PPH0132-25	Water	07/29/06 10:00	08/02/06 09:45
06-WellC1-1082	PPH0132-26	Water	07/31/06 08:55	08/02/06 09:45
06-WellC1-1083	PPH0132-27	Water	07/31/06 09:20	08/02/06 09:45
06-WellC1-1084	PPH0132-28	Water	07/31/06 09:30	08/02/06 09:45
06-WellC1-1065	PPH0132-29	Water	07/30/06 09:10	08/02/06 09:45
06-WellC1-1063	PPH0132-30	Water	07/30/06 07:35	08/02/06 09:45
06-WellC1-1071	РРН0132-31	Water	07/30/06 11:50	08/02/06 09:45
06-WellC1-1075	РРН0132-32	Water	07/30/06 15:45	08/02/06 09:45
06-WellC1-1066	РРН0132-33	Water	07/30/06 09:30	08/02/06 09:45
06-WellC1-1074	РРН0132-34	Water	07/30/06 15:05	08/02/06 09:45
06-WellC1-1022	РРН0132-35	Water	07/27/06 10:15	08/02/06 09:45

TestAmerica - Portland, OR

Mary a. F.J. Sing

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR Brad Authier

Report Created: 08/24/06 18:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
06-WellC1-1025	PPH0132-36	Water	07/27/06 16:10	08/02/06 09:45
06-WellC1-1016	PPH0132-37	Water	07/26/06 15:50	08/02/06 09:45

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/24/06 18:33

Anions per EPA Method 300.0 TestAmerica - Portland, OR												
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPH0132-01	(06-WellC1-1044)		Wa	ter		Sam	pled: 07/2	8/06 16:20				
Chloride		EPA 300.0	103		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 17:04		
PPH0132-02	(06-WellC1-1028)		Wa	ter		Sam	pled: 07/2	8/06 08:25				
Chloride		EPA 300.0	50.6		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 17:18		
PPH0132-03	(06-WellC1-1042)		Wa	ter		Sam	pled: 07/2	8/06 15:40				
Chloride		EPA 300.0	236		50.0	mg/l	100x	6080259	08/05/06 05:45	08/11/06 17:46		
PPH0132-04	(06-WellC1-1019)		Wa	ter		Sam	pled: 07/2	7/06 09:15				
Chloride		EPA 300.0	7.11		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 13:50		
PPH0132-05	(06-WellC1-1021)		Wa	ter		Sam	pled: 07/2	7/06 10:20				
Chloride		EPA 300.0	495		50.0	mg/l	100x	6080259	08/05/06 05:45	08/11/06 18:14		
PPH0132-06	(06-WellC1-1064)		Wa	ter		Sam	pled: 07/3	0/06 08:40				
Chloride		EPA 300.0	11.1		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 14:47		
PPH0132-07	(06-WellC1-1030)		Wa	ter		Sam	pled: 07/2	8/06 09:15				
Chloride		EPA 300.0	62.5		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 18:56		
PPH0132-08	(06-WellC1-1040)		Wa	ter		Sam	pled: 07/2	8/06 15:00				
Chloride		EPA 300.0	3790		500	mg/l	1000x	6080259	08/05/06 05:45	08/11/06 19:25		
PPH0132-09	(06-WellC1-1035)		Wa	ter		Sam	pled: 07/2	8/06 11:10				
Chloride		EPA 300.0	246		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 19:39		
PPH0132-10	(06-WellC1-1052)		Wa	ter		Sam	pled: 07/2	9/06 11:05				
Chloride	, , , , , , , , , , , , , , , , , , ,	EPA 300.0	254		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 19:53		
PPH0132-11	(06-WellC1-1038)		Wa	ter		Sam	pled: 07/2	8/06 13:55				
Chloride		EPA 300.0	1780		50.0	mg/l	100x	6080259	08/05/06 05:45	08/11/06 20:35		

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FA Singe





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/24/06 18:33

Anions per EPA Method 300.0 TestAmerica - Portland, OR												
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPH0132-12	(06-WellC1-1046)		Wa	ter		Sam	pled: 07/2	8/06 17:15				
Chloride		EPA 300.0	33.4		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 21:03		
PPH0132-13	(06-WellC1-1059)		Wa	ter		Sam	pled: 07/2	9/06 15:35				
Chloride		EPA 300.0	1520		500	mg/l	1000x	6080259	08/05/06 05:45	08/23/06 18:45		
PPH0132-14	(06-WellC1-1081)		Wa	ter		Sam	pled: 07/3	61/06 08:20				
Chloride		EPA 300.0	97.1		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 21:45		
PPH0132-15	(06-WellC1-1055)		Wa	ter		Sam	pled: 07/2	29/06 12:30				
Chloride		EPA 300.0	23.3		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 17:21		
PPH0132-16	(06-WellC1-1045)		Wa	ter		Sam	pled: 07/2	8/06 17:05				
Chloride		EPA 300.0	33.7		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 21:59		
PPH0132-17	(06-WellC1-1032)		Wa	ter		Sam	pled: 07/2	8/06 10:00				
Chloride		EPA 300.0	47.4		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 22:13		
PPH0132-18	(06-WellC1-1051)		Wa	ter		Sam	pled: 07/2	9/06 10:20				
Chloride		EPA 300.0	65.6		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 22:27		
PPH0132-19	(06-WellC1-1054)		Wa	ter		Sam	pled: 07/2	9/06 12:15				
Chloride		EPA 300.0	23.2		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 18:17		
PPH0132-20	(06-WellC1-1062)		Wa	ter		Sam	pled: 07/2	9/06 17:00				
Chloride		EPA 300.0	46.3		5.00	mg/l	10x	6080259	08/05/06 05:45	08/11/06 22:41		
PPH0132-21	(06-WellC1-1061)		Wa	ter		Sam	pled: 07/2	9/06 16:45				
Chloride		EPA 300.0	44.8		5.00	mg/l	10x	6080372	08/08/06 10:49	08/08/06 18:27		
PPH0132-22	(06-WellC1-1078)		Wa	ter		Sam	pled: 07/3	60/06 16:50				
Chloride		EPA 300.0	784		50.0	mg/l	100x	6080372	08/08/06 10:49	08/10/06 11:13		

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. For Singe



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/24/06 18:33

Anions per EPA Method 300.0 TestAmerica - Portland, OR												
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPH0132-23	(06-WellC1-1049)		Wat	ter		Sam	pled: 07/2	9/06 09:50				
Chloride		EPA 300.0	2650		50.0	mg/l	100x	6080372	08/08/06 10:49	08/10/06 11:41		
PPH0132-24	(06-WellC1-1077)		Wat	ter		Sam	pled: 07/3	60/06 16:20				
Chloride		EPA 300.0	1060		50.0	mg/l	100x	6080372	08/08/06 10:49	08/10/06 13:01		
PPH0132-25	(06-WellC1-1050)		Wat	ter		Sam	pled: 07/2	9/06 10:00				
Chloride		EPA 300.0	542		50.0	mg/l	100x	6080372	08/08/06 10:49	08/10/06 13:19		
PPH0132-26	(06-WellC1-1082)		Wat	ter		Sam	pled: 07/3	1/06 08:55				
Chloride		EPA 300.0	224		5.00	mg/l	10x	6080372	08/08/06 10:49	08/10/06 13:47		
PPH0132-27	(06-WellC1-1083)		Wat	ter		Sam	pled: 07/3	61/06 09:20				
Chloride		EPA 300.0	256		5.00	mg/l	10x	6080372	08/08/06 10:49	08/10/06 14:15		
PPH0132-28	(06-WellC1-1084)		Wat	ter		Sam	pled: 07/3	61/06 09:30				
Chloride		EPA 300.0	220		5.00	mg/l	10x	6080372	08/08/06 10:49	08/10/06 14:43		
PPH0132-29	(06-WellC1-1065)		Wat	ter		Sam	pled: 07/3	60/06 09:10				
Chloride		EPA 300.0	10.8		0.500	mg/l	1x	6080372	08/08/06 10:49	08/10/06 15:26		
PPH0132-30	(06-WellC1-1063)		Wat	ter		Sam	pled: 07/3	60/06 07:35				
Chloride		EPA 300.0	8960		500	mg/l	1000x	6080372	08/08/06 10:49	08/10/06 15:54		
PPH0132-31	(06-WellC1-1071)		Wat	ter		Sam	pled: 07/3	60/06 11:50				
Chloride		EPA 300.0	54.2		5.00	mg/l	10x	6080372	08/08/06 10:49	08/09/06 00:04		
PPH0132-32	(06-WellC1-1075)		Wat	ter		Sam	pled: 07/3	60/06 15:45				
Chloride		EPA 300.0	32.7		5.00	mg/l	10x	6080372	08/08/06 10:49	08/09/06 00:32		
PPH0132-33	(06-WellC1-1066)		Wat	ter		Sam	pled: 07/3	60/06 09:30				
Chloride		EPA 300.0	119		5.00	mg/l	10x	6080372	08/08/06 10:49	08/09/06 01:00		

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. For Since





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created: 08/24/06 18:33

	Anions per EPA Method 300.0 TestAmerica - Portland, OR												
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes		
PPH0132-34	(06-WellC1-1074)		Wa	ter		Sam	pled: 07/3	0/06 15:05					
Chloride		EPA 300.0	46.3		5.00	mg/l	10x	6080372	08/08/06 10:49	08/09/06 01:29			
PPH0132-35	(06-WellC1-1022)		Wa	ter		Sam	pled: 07/2	7/06 10:15					
Chloride		EPA 300.0	34.5		5.00	mg/l	10x	6080372	08/08/06 10:49	08/09/06 02:25			
PPH0132-36	(06-WellC1-1025)		Wa	ter		Sam	pled: 07/2	7/06 16:10					
Chloride		EPA 300.0	364		50.0	mg/l	100x	6080432	08/09/06 09:24	08/14/06 22:56			
PPH0132-37	(06-WellC1-1016)		Wa	ter		Sam	pled: 07/2	6/06 15:50					
Chloride		EPA 300.0	7.42		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 20:42			

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: BPXA Well Project Number: Cost Center F Project Manager: Brad Authier

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0 TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-01	(06-WellC1-1044)		Wa	ter		Sam	pled: 07/28	8/06 16:20			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 12:26	
Chloride		"	103		5.00		10x	"		08/11/06 17:04	
Nitrite-Nitrogen			ND		0.100		1x	"		08/05/06 12:26	I-05
Bromide			ND		0.500		"	"			
Nitrate-Nitrogen			ND		0.100		"	"		"	I-05
Sulfate		"	34.2		1.00	"	"	"	"		

PPH0132-02	(06-WellC1-1028)	Water			Sam	pled: 07/28	8/06 08:25			
Fluoride	EPA 300.0	3.28		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 13:22	
Chloride	"	50.6		5.00	"	10x			08/11/06 17:18	
Nitrite-Nitrogen	"	ND		0.100		1x	"		08/05/06 13:22	1-05
Bromide	"	ND		0.500		"	"			
Nitrate-Nitrogen	"	ND		0.100		"	"			I-05
Sulfate	"	35.1		1.00	"	"				

PPH0132-03	(06-WellC1-1042)	Water	•		Sample	ed: 07/28/	06 15:40			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 13:36	
Chloride	"	236		50.0	"	100x	"	"	08/11/06 17:46	
Nitrite-Nitrogen	"	ND		0.100	"	1x	"		08/05/06 13:36	I-05
Bromide	"	0.800		0.500	"		"	"	"	
Nitrate-Nitrogen	"	ND		0.100			"			I-05
Sulfate	"	29.8		1.00	"		"	"		

PPH0132-04	(06-WellC1-1019)	Water		Sampleo	d: 07/27/0	6 09:15			
Fluoride	EPA 300.0	ND	 0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 13:50	
Chloride	"	7.11	 0.500	"	"		"		
Nitrite-Nitrogen	"	ND	 0.100	"	"		"		I-05
Bromide	"	ND	 0.500	"	"	"	"		
Nitrate-Nitrogen	"	ND	 0.100	"	"	"		"	I-05
Sulfate	"	4.92	 1.00	"	"	"	"	"	

TestAmerica - Portland, OR

Mary Q. F.J. Suith Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier

Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0 TestAmerica - Portland, OR Analyte Method Result MRL Units Dil Analyzed MDL* Batch Prepared Notes Sampled: 07/27/06 10:20 Water PPH0132-05 (06-WellC1-1021) Fluoride EPA 300.0 ND 0.500 mg/l lx6080259 08/05/06 05:45 08/05/06 14:05 .. " 50.0 " 100x " 08/11/06 18:14 Chloride 495 .. 0.100 08/05/06 14:05 Nitrite-Nitrogen $1 \mathrm{x}$ ND I-05 -----.. " .. 0.500 .. Bromide 1.00 -----.. " .. ., ., .. I-05 Nitrate-Nitrogen 0.160 -----0.100 .. Sulfate 10.0 .. 10x .. 08/11/06 18:00 166 Sampled: 07/30/06 08:40 Water PPH0132-06 (06-WellC1-1064) EPA 300.0 0.500 08/05/06 05:45 08/05/06 14:47 Fluoride ND mg/l 1x6080259 -----.. ., ., ., Chloride 11.1 -----0.500 .. " Nitrite-Nitrogen ND 0.100 I-05 " .. ., Bromide ND 0.500 ., ., " .. 0.100 I-05 0.520 -----Nitrate-Nitrogen, 1.00 Sulfate 8.13 -----Sampled: 07/28/06 09:15 Water PPH0132-07 (06-WellC1-1030) Fluoride EPA 300.0 ND -----0.500 mg/l 1x6080259 08/05/06 05:45 08/05/06 15:01 5.00 " 10x " 08/11/06 18:56 Chloride " 62.5 08/05/06 15:01 Nitrite-Nitrogen 0.100 $1 \mathbf{x}$ ND -----I-05 0.500 ND Bromide -----.. .. ., ND 0.100 I-05 Nitrate-Nitrogen ----

PPH0132-08	(06-WellC1-1040)	Wat	ter		Sam	pled: 07/28	/06 15:00			
Fluoride	EPA 300.0	1.70		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 15:15	
Chloride	"	3790		500	"	1000x	"	"		
Nitrite-Nitrogen	"	ND		10.0		100x		"	08/11/06 19:10	I-05
Bromide	"	127		50.0	"	"		"		
Nitrate-Nitrogen	"	ND		0.100		1x		"	08/05/06 15:15	I-05
Sulfate	"	1460		100	"	100x		"	08/11/06 19:10	

1.00

56.3

...

..

...

TestAmerica - Portland, OR

Many Q. For Simp Mary A. Fritzmann Smith, Project Manager

Sulfate

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

...





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0 TestAmerica - Portland, OR Analyte Method Result MRL Units Dil Analyzed MDL* Batch Prepared Notes Sampled: 07/28/06 11:10 Water PPH0132-09 (06-WellC1-1035) Fluoride EPA 300.0 ND 0.500 mg/l lx6080259 08/05/06 05:45 08/05/06 15:29 .. " 5.00 " 10x " 08/11/06 19:39 Chloride 246 .. 0.100 08/05/06 15:29 Nitrite-Nitrogen $1 \mathrm{x}$ ND I-05 -----.. .. " 0.500 .. 0.680 Bromide -----", Nitrate-Nitrogen ND ----0.100 I-05 " Sulfate 3.01 1.00 Water Sampled: 07/29/06 11:05 PPH0132-10 (06-WellC1-1052) EPA 300.0 0.500 6080259 08/05/06 05:45 08/05/06 15:43 Fluoride ND mg/l $1 \mathrm{x}$ -----.. 10x 08/11/06 19:53 5.00 Chloride 254 ----.. I-05 08/05/06 15:43 Nitrite-Nitrogen 0.180 -----0.100 $1 \mathrm{x}$., ., 0.500 " Bromide 7.49 .. " I-05 ., Nitrate-Nitrogen 0.710 -----0.100 " Sulfate 25.0 ____ 1.00 Sampled: 07/28/06 13:55 Water PPH0132-11 (06-WellC1-1038) Fluoride EPA 300.0 -----0.500 mg/l 1x 6080259 08/05/06 05:45 08/05/06 16:11 2.20 Chloride 1780 50.0 ., 100x 08/11/06 20:35 -----

Cilioriae		1/80	 50.0	100X		08/11/00 20.33	
Nitrite-Nitrogen	"	ND	 1.00	 10x	"	08/11/06 20:07	I-05, R-05
Bromide	"	6.74	 0.500	1x	"	08/05/06 16:11	
Nitrate-Nitrogen	"	1.96	 0.100	 "	"		1-05
Sulfate	"	152	 10.0	 10x	"	08/11/06 20:07	

PPH0132-12	(06-WellC1-1046)	Water		Sample	d: 07/28/(6 17:15			
Fluoride	EPA 300.0	ND	 0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 16:25	
Chloride	"	33.4	 5.00	"	10x		"	08/11/06 21:03	
Nitrite-Nitrogen	"	ND	 0.100	"	1x	"	"	08/05/06 16:25	1-05
Bromide	"	ND	 0.500	"	"	"	"	"	
Nitrate-Nitrogen	"	ND	 0.100	"	"	"	"	"	1-05
Sulfate	"	14.4	 1.00	"		"	"	"	

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0 TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-13	(06-WellC1-1059)		Wa	ter		Sam	pled: 07/29	0/06 15:35			
Fluoride		EPA 300.0	ND		500	mg/l	1000x	6080259	08/05/06 05:45	08/23/06 18:45	R-05
Chloride		"	1520		500		"	"		"	R-05
Nitrite-Nitrogen		"	ND		100		"	"		"	I-05, R-05
Bromide		"	ND		500		"	"		"	R-05
Nitrate-Nitrogen		"	ND		100		"	"		"	I-05, R-05
Sulfate		"	18900		1000	"	"	"			R-05

PPH0132-14	(06-WellC1-1081)	Wa	ter		Sam	pled: 07/3	1/06 08:20			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 16:39	
Chloride	"	97.1		5.00	"	10x	"		08/11/06 21:45	
Nitrite-Nitrogen	"	ND		0.100	"	1x	"		08/05/06 16:39	I-05
Bromide	"	0.720		0.500	"	"	"		"	
Nitrate-Nitrogen	"	ND		0.100		"			"	I-05
Sulfate	"	112		10.0	"	10x			08/11/06 21:45	

PPH0132-15	(06-WellC1-1055)	Wate	r		Samj	oled: 07/29	0/06 12:30			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 17:21	
Chloride	"	23.3		0.500	"	"	"			
Nitrite-Nitrogen	"	ND		0.100	"	"	"			I-05
Bromide	"	0.730		0.500	"	"				
Nitrate-Nitrogen	"	ND		0.100	"	"	"			I-05
Sulfate	"	36.2		1.00	"	"	"			

PPH0132-16	(06-WellC1-1045)	Water		Sample	d: 07/28/0	6 17:05			
Fluoride	EPA 300.0	ND	 0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 17:35	
Chloride	"	33.7	 5.00	"	10x	"		08/11/06 21:59	
Nitrite-Nitrogen	"	ND	 0.100	"	1x	"		08/05/06 17:35	1-05
Bromide	"	ND	 0.500			"	"	"	
Nitrate-Nitrogen	"	ND	 0.100		"	"	"	"	I-05
Sulfate	"	14.8	 1.00	"	"	"		"	

TestAmerica - Portland, OR

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0

TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-17	(06-WellC1-1032)		Wate	er		Samp	oled: 07/28	3/06 10:00			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 17:49	
Chloride		"	47.4		5.00	"	10x			08/11/06 22:13	
Nitrite-Nitrogen		"	ND		0.100	"	1x			08/05/06 17:49	I-05
Bromide		"	ND		0.500	"	"			"	
Nitrate-Nitrogen		"	ND		0.100	"	"			"	I-05
Sulfate		"	25.0		1.00	"	"			"	

PPH0132-18	(06-WellC1-1051)	Wat	ter		Sam	pled: 07/2	9/06 10:20			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 18:03	
Chloride	"	65.6		5.00	"	10x			08/11/06 22:37	
Nitrite-Nitrogen	"	0.100		0.100	"	1x		"	08/05/06 18:03	I-05
Bromide	"	10.1		0.500	"				"	
Nitrate-Nitrogen	"	0.180		0.100	"			"		I-05
Sulfate	"	20.6		1.00	"	"		"	"	

PPH0132-19	(06-WellC1-1054)	Wat	ter		Sam	pled: 07/29	9/06 12:15			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 18:17	
Chloride	"	23.2		0.500	"	"		"		
Nitrite-Nitrogen	"	ND		0.100	"	"		"		I-05
Bromide	"	0.730		0.500	"	"				
Nitrate-Nitrogen	"	ND		0.100	"	"	"	"		I-05
Sulfate	"	35.9		1.00	"			"		

PPH0132-20	(06-WellC1-1062)	Wat	ter		Sam	pled: 07/2	9/06 17:00			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080259	08/05/06 05:45	08/05/06 18:31	
Chloride	"	46.3		5.00	"	10x	"		08/11/06 22:41	
Nitrite-Nitrogen	"	ND		0.100	"	1x	"	"	08/05/06 18:31	1-05
Bromide	"	0.550		0.500	"	"	"			
Nitrate-Nitrogen	"	ND		0.100	"	"	"	"		I-05
Sulfate	"	47.7		1.00	"	"		"	"	

TestAmerica - Portland, OR

Mary Q. F.J. Suith Mary A. Fritzmann Smith, Project Manager The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 12 of 27



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Analyte

200)1			Project Nu Project Ma	mber: mager:	Cost Co Brad A	enter PBPE uthier	NOTHR			Report Created: 08/24/06 18:33
		Ion Sc T	an per E estAmerica	PA M a - Portla	e thod 3 and, OR	00.0				
	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes

BPXA Well Cellar Inspection

PPH0132-21	(06-WellC1-1061)	Wa	ter		Sam	pled: 07/29	0/06 16:45			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/08/06 18:13	
Chloride	"	44.8		5.00		10x	"		08/08/06 18:27	
Nitrite-Nitrogen	"	ND		0.100	"	1x	"		08/10/06 10:03	I-05
Bromide	"	0.520		0.500		"	"			
Nitrate-Nitrogen	"	ND		0.100	"	"	"			I-05
Sulfate	"	46.0		1.00	"	"		"		

Project Name:

PPH0132-22	(06-WellC1-1078)	Water		Sample	ed: 07/30/0	06 16:50			
Fluoride	EPA 300.0	ND	 5.00	mg/l	10x	6080372	08/08/06 10:49	08/10/06 10:59	R-05
Chloride	"	784	 50.0	"	100x	"	"	08/10/06 11:13	
Nitrite-Nitrogen	"	ND	 1.00	"	10x	"	"	08/10/06 10:59	R-05, I-05
Bromide	"	ND	 5.00	"	"	"	"		R-05
Nitrate-Nitrogen	"	ND	 1.00	"	"	"	"		I-05, R-05
Sulfate	"	245	 10.0	"	"	"	"		

PPH0132-23	(06-WellC1-1049)	Wa	ter		Sam	pled: 07/29	0/06 09:50			
Fluoride	EPA 300.0	ND		5.00	mg/l	10x	6080372	08/08/06 10:49	08/10/06 11:27	R-05
Chloride	"	2650		50.0	"	100x	"		08/10/06 11:41	
Nitrite-Nitrogen	"	ND		1.00	"	10x	"		08/10/06 11:27	I-05, R-05
Bromide	"	ND		5.00	"	"	"			R-05
Nitrate-Nitrogen	"	ND		1.00	"	"	"		"	I-05, R-05
Sulfate	"	2120		100	"	100x			08/10/06 11:41	

PPH0132-24	(06-WellC1-1077)	Wate	er		Sam	pled: 07/30	/06 16:20			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/10/06 12:37	
Chloride	"	1060		50.0		100x	"	"	08/10/06 13:05	
Nitrite-Nitrogen	"	ND		0.100	"	1x	"	"	08/10/06 12:37	I-05
Bromide	"	31.3		0.500		"	"	"		
Nitrate-Nitrogen	"	ND		0.100	"	"	"	"		I-05
Sulfate	"	205		10.0	"	10x	"	"	08/10/06 12:51	

TestAmerica - Portland, OR

Mary a. F.J. Sing

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name:**BPXA Well Cellar Inspection**Project Number:Cost Center PBPENOTHRProject Manager:Brad Authier

Report Created: 08/24/06 18:33

			Ion Sc T	an per E estAmerica	PA M a - Portla	e thod 3 and, OR	00.0				
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-25	(06-WellC1-1050)		Wa	iter		Sam	pled: 07/2	29/06 10:00			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/08/06 20:34	
Chloride		"	542		50.0		100x	"	"	08/10/06 13:19	
Nitrite-Nitrogen		"	ND		10.0		"	"		"	R-05, I-05
Bromide			ND		50.0		"	"		"	R-05
Nitrate-Nitrogen			ND		10.0		"	"		"	R-05, I-05
Sulfate		"	442		100		"	"	"	"	
PPH0132-26	(06-WellC1-1082)		Wa	ater		Sam	pled: 07/3	31/06 08:55			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/10/06 13:33	
Chloride			224		5.00	"	10x	"		08/10/06 13:02	
Nitrite-Nitrogen		"	0.220		0.100		1x	"	"	08/10/06 13:33	1-05
Bromide		"	1.06		0.500	"	"	"		"	
Nitrate-Nitrogen		"	0.930		0.100	"	"	"	"	"	I-05
Sulfate		"	99.3		10.0		10x	"	"	08/10/06 13:47	
PPH0132-27	(06-WellC1-1083)		Wa	nter		Sam	pled: 07/3	31/06 09:20			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/10/06 14:01	
Chloride			256		5.00	"	10x	"		08/10/06 14:15	
Nitrite-Nitrogen		"	0.260		0.100		1x	"		08/10/06 14:01	1-05
Bromide		"	1.12		0.500		"	"		"	
Nitrate-Nitrogen		"	0.990		0.100		"	"		"	I-05
Sulfate		"	121		10.0	"	10x	"	"	08/10/06 14:15	

PPH0132-28	(06-WellC1-1084)	Wa	ter		Sam	pled: 07/3	1/06 09:30			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/10/06 14:29	
Chloride	"	220		5.00	"	10x	"		08/10/06 14:43	
Nitrite-Nitrogen	"	ND		0.100	"	1x	"		08/10/06 14:29	I-05
Bromide	"	1.88		0.500	"	"	"			
Nitrate-Nitrogen	"	ND		0.100	"	"	"	"		1-05
Sulfate	"	65.3		1.00	"	"		"	"	

TestAmerica - Portland, OR

Mary a. F.J. Sind

Mary A. Fritzmann Smith, Project Manager





Report Created:

08/24/06 18:33

BPXA Well Cellar Inspection

Cost Center PBPENOTHR

Brad Authier

Oasis Environmental

825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

			Ion Sc T	an per E estAmerica	PA M a - Portla	e thod 3 and, OR	00.0				
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-29	(06-WellC1-1065)		Wa	ater		Sam	pled: 07/3	0/06 09:10			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/10/06 15:26	
Chloride		"	10.8		0.500	"	"		"		
Nitrite-Nitrogen		"	ND		0.100	"	"		"	"	I-05
Bromide		"	ND		0.500	"	"		"	"	
Nitrate-Nitrogen		"	0.450		0.100	"	"		"	"	I-05
Sulfate		"	8.06		1.00	"	"		"	"	
PPH0132-30	(06-WellC1-1063)		Wa	ater		Sam	pled: 07/3	0/06 07:35			
Fluoride		EPA 300.0	6.36		0.500	mg/l	1x	6080372	08/08/06 10:49	08/08/06 23:22	
Chloride		"	8960		500	"	1000x		"	08/10/06 15:54	
Nitrite-Nitrogen		"	ND		10.0	"	100x			08/10/06 15:40	R-05, I-05
Bromide		"	ND		50.0	"	"				R-05
Nitrate-Nitrogen		"	ND		10.0	"	"			"	R-05, I-05
Sulfate		"	2560		100	"	"	"	"	"	
PPH0132-31	(06-WellC1-1071)		Wa	ater		Sam	pled: 07/3	0/06 11:50			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/08/06 23:50	
Chloride		"	54.2		5.00	"	10x		"	08/09/06 00:04	
Nitrite-Nitrogen		"	ND		0.100	"	1x		"	08/08/06 23:50	I-05
Bromide		"	ND		0.500	"	"		"		
Nitrate-Nitrogen		"	ND		0.100	"	"		"	"	I-05
Sulfate		"	12.1		1.00	"	"		"	"	
PPH0132-32	(06-WellC1-1075)		Wa	ater		Sam	pled: 07/3	0/06 15:45			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/09/06 00:18	
Chloride		"	32.7		5.00	"	10x			08/09/06 00:32	
Nitrite-Nitrogen		"	0.510		0.100	"	1x	"		08/09/06 00:18	I-05
Bromide		"	ND		0.500	"	"	"			
Nitrata Nitragan		"	1 27		0.100	"	"		"	"	I-05

1.00

Project Name:

Project Number:

Project Manager:

TestAmerica - Portland, OR

Sulfate

Mary a. FAT Since Mary A. Fritzmann Smith, Project Manager The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



39.4



Report Created:

08/24/06 18:33

Oasis Environmental

825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: BPXA Well Cellar Inspection Project Number: Cost Center PBPENOTHR Project Manager: Brad Authier Ion Scan per EPA Method 300.0 TestAmerica - Portland OR

			le	stAmerica	- Portla	ind, OR					
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-33	(06-WellC1-1066)		Wat	ter		Sam	pled: 07/3	0/06 09:30			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/09/06 00:46	
Chloride		"	119		5.00	"	10x	"		08/09/06 01:00	
Nitrite-Nitrogen			ND		0.100	"	1x	"		08/09/06 00:46	I-05
Bromide		"	1.40		0.500	"	"	"		"	
Nitrate-Nitrogen		"	ND		0.100	"	"	"			1-05
Sulfate		"	494		10.0	"	10x		"	08/09/06 01:00	
DDH0137 3/	(06 WollC1 1074)		Wat	er		Sam	nled: 07/3	0/06 15:05			

PPH0132-34	(06-WellC1-10/4)	wate	-1		Sam	pieu: 07/3	0/00 15:05				
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/09/06 01:15		
Chloride	"	46.3		5.00	"	10x	"		08/09/06 01:29		
Nitrite-Nitrogen	"	ND		0.100		1x	"		08/09/06 01:15	1-05	
Bromide	"	ND		0.500		"	"		"		
Nitrate-Nitrogen	"	ND		0.100		"	"		"	I-05	
Sulfate	"	34.7		1.00	"	"					

PPH0132-35	(06-WellC1-1022)	Wa	ter		Sam	pled: 07/27	//06 10:15			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	6080372	08/08/06 10:49	08/09/06 02:11	
Chloride	"	34.5		5.00	"	10x	"		08/09/06 02:25	
Nitrite-Nitrogen	"	0.140		0.100	"	1x	"		08/09/06 02:11	I-05
Bromide	"	ND		0.500	"	"	"		"	
Nitrate-Nitrogen	"	ND		0.100	"	"	"		"	I-05
Sulfate	"	12.4		1.00	"	"	"	"	"	

PPH0132-36	(06-WellC1-1025)	Water		Sample	d: 07/27/0	6 16:10			
Fluoride	EPA 300.0	ND	 0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 19:04	
Chloride	"	364	 50.0	"	100x	"		08/14/06 22:56	
Nitrite-Nitrogen	"	ND	 0.100	"	1x	"		08/09/06 19:04	1-05
Bromide	"	1.37	 0.500	"	"	"		"	
Nitrate-Nitrogen	"	ND	 0.100	"	"	"		"	I-05
Sulfate	"	42.2	 1.00	"	"	"			

TestAmerica - Portland, OR

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

			Ion Sc Te	an per E estAmerica	PA Me 1 - Portla	ethod 30 and, OR	00.0				
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-37	(06-WellC1-1016)		Wa	iter		Samj	pled: 07/2	6/06 15:50			
Fluoride		EPA 300.0	ND		0.500	mg/l	1x	6080432	08/09/06 09:24	08/09/06 20:42	
Chloride		"	7.42		0.500	"	"		"		
Nitrite-Nitrogen			ND		0.100	"	"		"		1-05
Bromide			ND		0.500	"	"		"		
Nitrate-Nitrogen		"	0.350		0.100	"	"		"	"	I-05
Sulfate		"	11.0		1.00	"	"		"		

TestAmerica - Portland, OR

Mary a. For Singe

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

	Analyte Method Result MDL* MRL Units Dil Batch Prepared Analyzed Notes														
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes				
PPH0132-01	(06-WellC1-1044)		Wa	ter		Sam	pled: 07/2	8/06 16:20							
Salinity (Calc.)		SM 2520 Mod	0.186		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 17:04					
PPH0132-02	(06-WellC1-1028)		Wa	ter		Sam	pled: 07/2	28/06 08:25							
Salinity (Calc.)		SM 2520 Mod	0.0914		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 17:18					
PPH0132-03	(06-WellC1-1042)		Wa	ter		Sam	pled: 07/2	8/06 15:40							
Salinity (Calc.)		SM 2520 Mod	0.426		0.0903	g/L	100x	[CALC]	08/05/06 05:45	08/11/06 17:46					
PPH0132-04	(06-WellC1-1019)		Wa	ter		Sam	pled: 07/2	27/06 09:15							
Salinity (Calc.)		SM 2520 Mod	0.0128		0.000903	g/L	lx	[CALC]	08/05/06 05:45	08/05/06 13:50					
PPH0132-05	(06-WellC1-1021)		Wa	ter		Sam	pled: 07/2	27/06 10:20							
Salinity (Calc.)		SM 2520 Mod	0.894		0.0903	g/L	100x	[CALC]	08/05/06 05:45	08/11/06 18:14					
PPH0132-06	(06-WellC1-1064)		Wa	ter		Sam	pled: 07/3	60/06 08:40							
Salinity (Calc.)		SM 2520 Mod	0.0201		0.000903	g/L	1x	[CALC]	08/05/06 05:45	08/05/06 14:47					
PPH0132-07	(06-WellC1-1030)		Wa	ter		Sam	pled: 07/2	8/06 09:15							
Salinity (Calc.)		SM 2520 Mod	0.113		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 18:56					
PPH0132-08	(06-WellC1-1040)		Wa	ter		Sam	pled: 07/2	8/06 15:00							
Salinity (Calc.)		SM 2520 Mod	6.85		0.903	g/L	1000x	[CALC]	08/05/06 05:45	08/11/06 19:25					
PPH0132-09	(06-WellC1-1035)		Wa	ter		Sam	pled: 07/2	8/06 11:10							
Salinity (Calc.)		SM 2520 Mod	0.444		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 19:39					
PPH0132-10	(06-WellC1-1052)		Wa	ter		Sam	pled: 07/2	9/06 11:05							
Salinity (Calc.)		SM 2520 Mod	0.459		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 19:53					
PPH0132-11	(06-WellC1-1038)		Wa	ter		Sam	pled: 07/2	8/06 13:55							
Salinity (Calc.)		SM 2520 Mod	3.22		0.0903	g/L	100x	[CALC]	08/05/06 05:45	08/11/06 20:35					

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. For Singe





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

		Physic	cal Parameto Te	ers per stAmeri	APHA ca - Portla	/ ASTM and, OR	/EPA N	1ethods			
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0132-12	(06-WellC1-1046)		Wat	ter		Sam	pled: 07/2	8/06 17:15			
Salinity (Calc.)		SM 2520 Mod	0.0603		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 21:03	
PPH0132-13	(06-WellC1-1059)		Wat	ter		Sam	pled: 07/2	9/06 15:35			
Salinity (Calc.)		SM 2520 Mod	2.75		0.903	g/L	1000x	[CALC]	08/05/06 05:45	08/23/06 18:45	
PPH0132-14	(06-WellC1-1081)		Wat	ter		Sam	pled: 07/3	1/06 08:20			
Salinity (Calc.)		SM 2520 Mod	0.175		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 21:45	
PPH0132-15	(06-WellC1-1055)		Wat	ter		Sam	pled: 07/2	9/06 12:30			
Salinity (Calc.)		SM 2520 Mod	0.0421		0.000903	g/L	1x	[CALC]	08/05/06 05:45	08/05/06 17:21	
PPH0132-16	(06-WellC1-1045)		Wat	ter		Sam	pled: 07/2	8/06 17:05			
Salinity (Calc.)		SM 2520 Mod	0.0609		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 21:59	
PPH0132-17	(06-WellC1-1032)		Wat	ter		Sam	pled: 07/2	8/06 10:00			
Salinity (Calc.)		SM 2520 Mod	0.0856		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 22:13	
PPH0132-18	(06-WellC1-1051)		Wat	ter		Sam	pled: 07/2	9/06 10:20			
Salinity (Calc.)		SM 2520 Mod	0.119		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 22:27	
PPH0132-19	(06-WellC1-1054)		Wat	ter		Sam	pled: 07/2	9/06 12:15			
Salinity (Calc.)		SM 2520 Mod	0.0419		0.000903	g/L	1x	[CALC]	08/05/06 05:45	08/05/06 18:17	
PPH0132-20	(06-WellC1-1062)		Wat	ter		Sam	pled: 07/2	9/06 17:00			
Salinity (Calc.)		SM 2520 Mod	0.0836		0.00903	g/L	10x	[CALC]	08/05/06 05:45	08/11/06 22:41	
PPH0132-21	(06-WellC1-1061)		Wat	ter		Sam	pled: 07/2	9/06 16:45			
Salinity (Calc.)		SM 2520 Mod	0.0809		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/08/06 18:27	
PPH0132-22	(06-WellC1-1078)		Wat	ter		Sam	pled: 07/3	0/06 16:50			
Salinity (Calc.)		SM 2520 Mod	1.42		0.0903	g/L	100x	[CALC]	08/08/06 10:49	08/10/06 11:13	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. For Singe





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

	Physical Parameters per APHA/ASTM/EPA Methods TestAmerica - Portland, OR Analyte Method Result MRL Units Dil Batch Prepared Analyzed Notes														
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes				
PPH0132-23	(06-WellC1-1049)		Wat	ter		Sam	pled: 07/2	9/06 09:50							
Salinity (Calc.)		SM 2520 Mod	4.79		0.0903	g/L	100x	[CALC]	08/08/06 10:49	08/10/06 11:41					
PPH0132-24	(06-WellC1-1077)		Wat	ter		Sam	pled: 07/3	0/06 16:20							
Salinity (Calc.)		SM 2520 Mod	1.91		0.0903	g/L	100x	[CALC]	08/08/06 10:49	08/10/06 13:01					
PPH0132-25	(06-WellC1-1050)		Wat	ter		Sam	pled: 07/2	9/06 10:00							
Salinity (Calc.)		SM 2520 Mod	0.979		0.0903	g/L	100x	[CALC]	08/08/06 10:49	08/10/06 13:19					
PPH0132-26	(06-WellC1-1082)		Wat	ter		Sam	pled: 07/3	1/06 08:55							
Salinity (Calc.)		SM 2520 Mod	0.405		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/10/06 13:47					
PPH0132-27	(06-WellC1-1083)		Wat	ter		Sam	pled: 07/3	1/06 09:20							
Salinity (Calc.)		SM 2520 Mod	0.462		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/10/06 14:15					
PPH0132-28	(06-WellC1-1084)		Wat	ter		Sam	pled: 07/3	1/06 09:30							
Salinity (Calc.)		SM 2520 Mod	0.397		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/10/06 14:43					
PPH0132-29	(06-WellC1-1065)		Wat	ter		Sam	pled: 07/3	0/06 09:10							
Salinity (Calc.)		SM 2520 Mod	0.0195		0.000903	g/L	1x	[CALC]	08/08/06 10:49	08/10/06 15:26					
PPH0132-30	(06-WellC1-1063)		Wat	ter		Sam	pled: 07/3	0/06 07:35							
Salinity (Calc.)		SM 2520 Mod	16.2		0.903	g/L	1000x	[CALC]	08/08/06 10:49	08/10/06 15:54					
PPH0132-31	(06-WellC1-1071)		Wat	ter		Sam	pled: 07/3	0/06 11:50							
Salinity (Calc.)		SM 2520 Mod	0.0979		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/09/06 00:04					
PPH0132-32	(06-WellC1-1075)		Wat	ter		Sam	pled: 07/3	0/06 15:45							
Salinity (Calc.)		SM 2520 Mod	0.0591		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/09/06 00:32					
PPH0132-33	(06-WellC1-1066)		Wat	ter		Sam	pled: 07/3	0/06 09:30							
Salinity (Calc.)		SM 2520 Mod	0.215		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/09/06 01:00					

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. For Singe





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

	Analyte Method Result MDL* MRL Units Dil Batch Prepared Analyzed Notes														
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes				
PPH0132-34	(06-WellC1-1074)		Wa	ter		Sam	pled: 07/3	0/06 15:05							
Salinity (Calc.)		SM 2520 Mod	0.0836		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/09/06 01:29					
РРН0132-35	132-35 (06-WellC1-1022) Water Sampled: 07/27/06 10:15														
Salinity (Calc.)		SM 2520 Mod	0.0623		0.00903	g/L	10x	[CALC]	08/08/06 10:49	08/09/06 02:25					
PPH0132-36	(06-WellC1-1025)		Wa	ter		Sam	pled: 07/2	7/06 16:10							
Salinity (Calc.)		SM 2520 Mod	0.658		0.0903	g/L	100x	[CALC]	08/09/06 09:24	08/14/06 22:56					
PPH0132-37	(06-WellC1-1016)		Wa	ter		Sam	pled: 07/2	6/06 15:50							
Salinity (Calc.)		SM 2520 Mod	0.0134		0.000903	g/L	1x	[CALC]	08/09/06 09:24	08/09/06 20:42					

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/24/06 18:33

Anions per EPA Method 300.0 - Laboratory Quality Control Results TestAmerica - Portland, OR														
QC Batch: 6080259	Water P	Preparation M	ethod: G	eneral Pre	paration									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt F	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (6080259-BLK1)								Extrac	ted:	08/05/06 05	:45			
Chloride	EPA 300.0	ND		0.500	mg/l	1x							08/05/06 11:58	
LCS (6080259-BS1)								Extrac	ted:	08/05/06 05	:45			
Chloride	EPA 300.0	10.1		0.500	mg/l	1x		10.0 1	01%	(90-110)			08/05/06 12:12	
Duplicate (6080259-DUP1)				QC Source:	PPH0132-1	9		Extrac	ted:	08/05/06 05	:45			
Chloride	EPA 300.0	23.5		0.500	mg/l	1x	23.2				1.28%	6 (20)	08/05/06 12:40	
Matrix Spike (6080259-MS1)				QC Source:	PPH0132-1	9		Extrac	ted:	08/05/06 05	:45			
Chloride	EPA 300.0	25.6		0.556	mg/l	1x	23.2	2.22 1	08%	(80-120)			08/05/06 12:54	
Matrix Spike Dup (6080259-MS	D1)			QC Source:	PPH0132-1	9		Extrac	ted:	08/05/06 05	:45			
Chloride	EPA 300.0	25.6		0.556	mg/l	1x	23.2	2.22 1	08%	(80-120)	0.00%	(20)	08/05/06 13:08	
QC Batch: 6080372	Water P	Preparation Me	ethod: G	eneral Pre	paration									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt F	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (6080372-BLK1)								Extrac	ted:	08/08/06 10	:49			
Chloride	EPA 300.0	ND		0.500	mg/l	1x							08/08/06 14:56	
LCS (6080372-BS1)								Extrac	ted:	08/08/06 10	:49			
Chloride	EPA 300.0	10.4		0.500	mg/l	1x		10.0 1	04%	(90-110)			08/08/06 15:10	
Duplicate (6080372-DUP1)				QC Source:	PPH0356-0	4		Extrac	ted:	08/08/06 10	:49			
Chloride	EPA 300.0	4.36		0.500	mg/l	1x	4.37				0.229%	6 (20)	08/08/06 15:39	

Matrix Spike (6	6080372-MS1)		QC Source:	PPH035	56-04		Ext	racted:	08/08/06 10):49			
Chloride	EPA 300.0	6.07	 0.556	mg/l	1x	4.37	2.22	76.6%	(80-120)			08/08/06 15:53	Q-01
Matrix Spike (6	080372-MS3)		QC Source:	PPH020)1-26		Ext	racted:	08/08/06 10	:49			
Chloride	EPA 300.0	31.0	 5.56	mg/l	10x	16.4	22.2	65.8%	(80-120)			08/10/06 09:49	Q-01
Matrix Spike Du	p (6080372-MSD1)		QC Source:	PPH035	56-04		Ext	racted:	08/08/06 10	:49			
Chloride	EPA 300.0	6.10	 0.556	mg/l	1x	4.37	2.22	77.9%	(80-120)	0.493%	(20)	08/08/06 16:07	Q-01

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FA Since





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/24/06 18:33

	An	ions per EP	A Method Test	300.0 - America -	Laborat Portland	t ory Qu a , OR	ality Con	itrol Res	ults					
QC Batch: 6080432	Water P	reparation M	lethod: W	et Chem										
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt R	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (6080432-BLK1)								Extrac	ted:	08/09/06 09	:24			
Chloride	EPA 300.0	ND		0.500	mg/l	1x							08/09/06 17:54	
LCS (6080432-BS1)								Extrac	ted:	08/09/06 09	:24			
Chloride	EPA 300.0	10.3		0.500	mg/l	1x		10.0 1	03%	(90-110)			08/09/06 18:08	
Duplicate (6080432-DUP1)				QC Source:	PPH0132	-37		Extrac	ted:	08/09/06 09	:24			
Chloride	EPA 300.0	7.47		0.500	mg/l	1x	7.42				0.672%	% (20)	08/09/06 19:32	
Matrix Spike (6080432-MS1)				QC Source:	PPH0132	-37		Extrac	ted:	08/09/06 09	:24			
Chloride	EPA 300.0	9.78		0.556	mg/l	1x	7.42	2.22 1	06%	(80-120)			08/09/06 19:46	
Matrix Spike (6080432-MS3)				QC Source:	PPH0132	-36		Extrac	ted:	08/09/06 09	:24			
Chloride	EPA 300.0	587		55.6	mg/l	100x	364	222 1	00%	(80-120)			08/14/06 23:10	
Matrix Spike Dup (6080432-MS	5D1)			QC Source:	PPH0132	-37		Extrac	ted:	08/09/06 09	:24			
Chloride	EPA 300 0	9 74		0.556	mg/l	1x	7 42	2 22 1	05%	(80-120)	0 410	% (20)	08/09/06 20:00	

TestAmerica - Portland, OR

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0 - Laboratory Quality Control Results TestAmerica - Portland, OR

QC Batch: 6080259	Water P	reparation Me	thod: Ge	eneral Pre	paration									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	∾ REC	(Limits)	%∧ RPD	(Limits)	Analyzed	Notes
Blank (6080259-BLK1)								Ext	racted:	08/05/06 05	:45			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x							08/05/06 11:58	
Chloride	"	ND		0.500	"	"							"	
Nitrite-Nitrogen	"	ND		0.100	"	"							"	
Bromide	"	ND		0.500	"	"							"	
Nitrate-Nitrogen	"	ND		0.100	"	"							"	
Sulfate	"	ND		1.00	"								"	
LCS (6080259-BS1)								Ext	racted:	08/05/06 05	:45			
Fluoride	EPA 300.0	3.70		0.500	mg/l	1x		4.00	92.5%	(90-110)			08/05/06 12:12	
Chloride	"	10.1		0.500	"	"		10.0	101%	"				
Nitrite-Nitrogen	"	4.88		0.100	"			5.00	97.6%				"	
Bromide	"	20.4		0.500	"	"		20.0	102%					
Nitrate-Nitrogen	"	4.92		0.100	"			5.00	98.4%				"	
Sulfate	"	31.1		1.00	"			30.0	104%				"	
Duplicate (6080259-DUP1)				QC Source:	PPH0132-19)		Ext	racted:	08/05/06 05	:45			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	ND				6.06%	(20)	08/05/06 12:40	

				-						
Chloride	"	23.5	 0.500	"	"	23.2	 	 1.28% "	"	
Nitrite-Nitrogen	"	ND	 0.100	"	"	ND	 	 NR "	"	
Bromide	"	0.740	 0.500		"	0.730	 	 1.36% "	"	
Nitrate-Nitrogen	"	ND	 0.100		"	ND	 	 NR "	"	
Sulfate	"	36.1	 1.00		"	35.9	 	 0.556% "	"	

TestAmerica - Portland, OR

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager





"

"

"

"

ND

ND

ND

2.21

0.100

0.500

0.100

1.00

..

"

"

..

"

..

..

ND

ND

ND

2.20

NR "

0.00% "

..

..

NR "

0.454% "

Oasis Environmental

825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0 - Laboratory Quality Control Results TestAmerica - Portland, OR

QC Batch: 6080372	Water P	reparation Me	ethod: Ge	neral Pre	eparation									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Blank (6080372-BLK1)								Extr	acted:	08/08/06 10	:49			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x							08/08/06 14:56	
Chloride	"	ND		0.500	"	"								
Nitrite-Nitrogen	"	ND		0.100	"	"								
Bromide	"	ND		0.500	"	"								
Nitrate-Nitrogen	"	ND		0.100	"	"								
Sulfate	"	ND		1.00	"	"								
LCS (6080372-BS1)								Extr	acted:	08/08/06 10	:49			
Fluoride	EPA 300.0	3.80		0.500	mg/l	1x		4.00	95.0%	(90-110)			08/08/06 15:10	
Chloride	"	10.4		0.500	"	"		10.0	104%	"				
Nitrite-Nitrogen	"	5.01		0.100	"	"		5.00	100%	"				
Bromide	"	20.9		0.500	"	"		20.0	104%	"				
Nitrate-Nitrogen	"	5.06		0.100	"	"		5.00	101%	"				
Sulfate	"	31.9		1.00	"	"		30.0	106%	"				
Duplicate (6080372-DUP1)				QC Source:	PPH0356-04	1		Extr	acted:	08/08/06 10	:49			
Fluoride	EPA 300.0	ND		0.500	mg/l	1x	ND				0.00%	(20)	08/08/06 15:39	
Chloride	"	4.36		0.500	"		4.37				0.229%	6 "		

TestAmerica - Portland, OR

Nitrite-Nitrogen

Nitrate-Nitrogen

Bromide

Sulfate

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

Ion Scan per EPA Method 300.0 - Laboratory Quality Control Results TestAmerica - Portland, OR QC Batch: 6080432 Water Preparation Method: Wet Chem % Source Spike % RPD Analyte Method Result MDL* MRL Units Dil (Limits) (Limits) Analyzed Notes REC Result Amt Blank (6080432-BLK1) Extracted: 08/09/06 09:24 EPA 300.0 08/09/06 17:54 Fluoride ND 0.500 1x --mg/l ---------____ ------., .. Chloride ND 0.500 " .. ---------------.. ND 0.100 Nitrite-Nitrogen -----------------.. ND 0.500 Bromide ----------------.. " ND 0.100 Nitrate-Nitrogen ------------.. Sulfate ND 1.00 ------LCS (6080432-BS1) Extracted: 08/09/06 09:24 EPA 300.0 08/09/06 18:08 Fluoride 3.81 0.500 4.00 95.2% (90-110) --mg/l 1x ------" " .. Chloride 10.3 0.500 " 10.0 103% --------" 5.01 0.100 100% .. Nitrite-Nitrogen 5.00 ---" 20.9 0.500 104% Bromide -------20.0 ------" Nitrate-Nitrogen 5.06 ---0.100 ---5.00 101% ___ ---.. ... Sulfate 32.0 1.00 .. 30.0 107% .. ------Duplicate (6080432-DUP1) QC Source: PPH0132-37 Extracted: 08/09/06 09:24 Fluoride EPA 300.0 ND ----0.500 mg/l 1x ND ---------10.5% (20) 08/09/06 19:32 Chloride " 7.47 0.500 " .. 7.42 ---0.672% " .. ------Nitrite-Nitrogen ., ND 0.100 " .. ND ---0.00% " .. ------

0.500

0.100

1.00

..

.,

.,

..

.,

..

ND

0.350

11.0

TestAmerica - Portland, OR

Bromide

Sulfate

Nitrate-Nitrogen

Mary a. FAT Singe

.,

"

.,

ND

0 350

11.1

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

10.5% "

0.00% "

0.905% "

..

..

..





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/24/06 18:33

Notes and Definitions Report Specific Notes: I-05 This sample was received outside EPA recommended holding time. Q-01 The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch. R-05 Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference. Laboratory Reporting Conventions: DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only. ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate). NR/NA Not Reported / Not Available Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. drv Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis. RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries). RPD MRL METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. MDL* _ *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results. Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data. Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable. Electronic - Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Signature Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Portland, OR

Mary Q. For Simp Mary A. Fritzmann Smith, Project Manager





August 25, 2006

Brad Authier Oasis Environmental 825 W. 8th Ave. Ste. 200 Anchorage, AK 99501

RE: BPXA Well Cellar Inspection

Enclosed are the results of analyses for samples received by the laboratory on 08/02/06 09:50. The following list is a summary of the Work Orders contained in this report, generated on 08/25/06 17:11.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPH0154	BPXA Well Cellar Inspection	Cost Center PBPENOTHR

TestAmerica - Portland, OR

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager:

ANALYTICAL REPORT FOR SAMPLES

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/25/06 17:11

Sample ID Laboratory ID **Date Received** Matrix **Date Sampled** 06-WellCl-1067 PPH0154-01 Soil 07/30/06 10:15 08/02/06 09:50 06-WellCl-1081 PPH0154-02 Soil 07/31/06 08:20 08/02/06 09:50 06-WellCl-1066 PPH0154-03 Soil 07/30/06 09:30 08/02/06 09:50 06-WellCl-1073 PPH0154-04 Soil 07/30/06 14:05 08/02/06 09:50 06-WellCl-1088 PPH0154-05 Soil 07/31/06 17:00 08/02/06 09:50 06-WellCl-1071 PPH0154-06 Soil 07/30/06 11:50 08/02/06 09:50 06-WellCl-1068 PPH0154-07 Soil 07/30/06 10:45 08/02/06 09:50 06-WellCl-1057 PPH0154-08 Soil 07/29/06 14:15 08/02/06 09:50 06-WellCl-1053 PPH0154-09 Soil 07/29/06 11:45 08/02/06 09:50 06-WellCl-1056 PPH0154-10 Soil 07/29/06 14:00 08/02/06 09:50 06-WellCl-1047 PPH0154-11 Soil 07/28/06 17:30 08/02/06 09:50 06-WellCl-1072 PPH0154-12 Soil 07/30/06 13:25 08/02/06 09:50 PPH0154-13 06-WellCl-1031 Soil 07/28/06 09:50 08/02/06 09:50 06-WellCl-1010 PPH0154-14 Soil 07/26/06 11:10 08/02/06 09:50 06-WellCl-1036 PPH0154-15 Soil 07/28/06 11:25 08/02/06 09:50 06-WellCl-1048 PPH0154-16 Soil 07/28/06 17:40 08/02/06 09:50 06-WellCl-1033 PPH0154-17 Soil 07/28/06 10:30 08/02/06 09:50 06-WellCl-1013 PPH0154-18 Soil 07/26/06 13:30 08/02/06 09:50 06-WellCl-1012 PPH0154-19 Soil 07/26/06 13:45 08/02/06 09:50 06-WellCl-1076 PPH0154-20 Soil 07/30/06 16:05 08/02/06 09:50 06-WellCl-1020 PPH0154-21 Soil 07/27/06 09:40 08/02/06 09:50 06-WellCl-1027 PPH0154-22 Soil 07/27/06 17:30 08/02/06 09:50 06-WellCl-1021 PPH0154-23 Soil 07/27/06 10:20 08/02/06 09:50 06-WellCl-1029 PPH0154-24 Soil 07/28/06 09:15 08/02/06 09:50 06-WellCl-1009 PPH0154-25 Soil 07/26/06 10:10 08/02/06 09:50 06-WellCl-1058 PPH0154-26 Soil 07/29/06 14:55 08/02/06 09:50 06-WellCl-1043 PPH0154-27 Soil 07/28/06 15:55 08/02/06 09:50 06-WellCl-1089 PPH0154-28 Soil 07/31/06 12:20 08/02/06 09:50 06-WellCl-1018 PPH0154-29 Soil 07/27/06 08:20 08/02/06 09:50 06-WellCl-1069 PPH0154-30 Soil 07/30/06 10:55 08/02/06 09:50 06-WellCl-1087 PPH0154-31 Soil 07/31/06 12:05 08/02/06 09:50

TestAmerica - Portland, OR

06-WellCl-1079

06-WellCl-1085

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

07/31/06 07:10

07/31/06 10:00

f custody document. This analytical report must be reproduced in its entirety.



08/02/06 09:50

08/02/06 09:50

Soil

Soil

PPH0154-32

PPH0154-33



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 17:11

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/103

I estAmerica - Portland, OK										
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-01 (06-WellCl-106	7)	Soil				ed: 07/3	0/06 10:15			
Diesel Range Organics	AK102/103	4730		55.8	mg/kg dry	10x	6080285	08/07/06 11:45	08/11/06 20:31	
Residual Range Organics	"	951		112	"	"	"	"		
Surrogate(s): 1-Chlorooctade	cane		114%		50 - 150 %	"			"	
Triacontane			143%		50 - 150 %	"			"	
PPH0154-02 (06-WellCl-108	1)	Soil		Sampled: 07/31/06 08:20						
Diesel Range Organics	AK102/103	4190		27.4	mg/kg dry	5x	6080285	08/07/06 11:45	08/11/06 21:02	
Residual Range Organics	"	1270		54.7	"	"	"	"	"	
Surrogate(s): 1-Chlorooctade	cane		194%		50 - 150 %	"			"	S-02
Triacontane			124%		50 - 150 %	"			"	
PPH0154-03 (06-WellCl-106	6)	Soil		Sampled: 07/30/06 09:30						
Diesel Range Organics	AK102/103	10100		81.5	mg/kg dry	10x	6080285	08/07/06 11:45	08/11/06 21:34	
Residual Range Organics	"	8150		163	"	"	"	"	"	
Surrogate(s): 1-Chlorooctade	cane		136%		50 - 150 %	"			"	
Triacontane			167%		50 - 150 %	"			"	S-02
PPH0154-04 (06-WellCl-107	3)	Soil			Sampled: 07/30/06 14:05					
Diesel Range Organics	AK102/103	2740		27.2	mg/kg dry	5x	6080285	08/07/06 11:45	08/11/06 22:36	
Residual Range Organics	"	1250		54.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctade	cane		122%		50 - 150 %	"			"	
Triacontane			119%		50 - 150 %	"			"	
PPH0154-05 (06-WellCl-108	8)	Soil			Sampled: 07/31/06 17:00					
Diesel Range Organics	AK102/103	35200		514	mg/kg dry	100x	6080285	08/07/06 11:45	08/22/06 04:58	
Residual Range Organics	"	32000		1030	"	"	"	"	"	
Surrogate(s): 1-Chlorooctade	cane		NR		50 - 150 %	"			"	S-01
Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154-06 (06-WellCl-107	1)	Soil		Sampled: 07/30/06 11:50						
Diesel Range Organics	AK102/103	4290		26.3	mg/kg dry	5x	6080285	08/07/06 11:45	08/11/06 23:07	
Residual Range Organics	"	536		52.6	"	"	"	"	"	
Surrogate(s): 1-Chlorooctade	cane		121%		50 - 150 %	"			"	
Triacontane			124%		50 - 150 %	"			"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FA Since





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/25/06 17:11

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/103 TestAmerica - Portland OR

1 estAmerica - Portiana, UK											
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-07	(06-WellCl-1068)		Soil			Sampled: 07/30/06 10:45					
Diesel Range Organics		AK102/103	4530		53.6	mg/kg dry	10x	6080285	08/07/06 11:45	08/12/06 00:39	
Residual Range Or	rganics		710		107	"	"				
Surrogate(s):	1-Chlorooctadecane			116%		50 - 150 %	"			"	
	Triacontane			143%		50 - 150 %	"			"	
PPH0154-08	(06-WellCl-1057)		Soil Sa		Sampl	ed: 07/2	29/06 14:15				
Diesel Range Orga	nics	AK102/103	10900		140	mg/kg dry	10x	6080285	08/07/06 11:45	08/12/06 01:10	
Residual Range Or	rganics	"	21600		280	"	"		"		
Surrogata(s):	L Chlorooctadacana			100%		50 - 150 %	"			"	
Surrogue(3).	Triacontane			317%		50 - 150 %	"			"	S-02
PPH0154-09	(06-WellCl-1053)		Soil		Sampled: 07/29/06 11:45						
Diesel Range Orga		AK 102/103	480		33.7	mg/kg dry	5x	6080285	08/07/06 11:45	08/12/06 01:41	
Residual Range Orga	rganics	"	386		67.3	"	"	"	"	"	
				1069/		50 150 0/	"			"	
Surrogate(s):	I-Chlorooctadecane Triacontane			126%		50 - 150 % 50 - 150 %	"			"	
PPH0154-10	(06-WellCl-1056)		Soil Sampled: 07/29/06 14:00								
Diesel Range Orga	nics	AK102/103	13700		482	mg/kg dry	40x	6080285	08/07/06 11:45	08/22/06 05:30	
Residual Range Or	rganics	"	29000		964	"	"		"		
Surrogate(s):	1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
	Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154_11	(06-WellCL-1047)		Soi	Soil Sampled: 07/29/06 17:20				28/06 17:30			
Discol Derror Orror		AV 102/102	2070		204	ma/ka day	40.	6090295	08/07/06 11:45	08/22/06 08:27	
Diesei Kange Orga	rganics	" "	5660		204 408	mg∕kg ary "	40x "	"	"	"	
			5000	110		50 150.0/					
Surrogate(s):	1-Chlorooctadecane			NR		50 - 150 % 50 - 150 %	"			"	S-01 S-01
	Triacontane			IVI		50-150 /0					5-01
PPH0154-12	(06-WellCl-1072)		Soil		Sampl	ed: 07/3	80/06 13:25				
Diesel Range Orga	nics	AK102/103	11800		53.3	mg/kg dry	10x	6080285	08/07/06 11:45	08/12/06 03:15	
Residual Range Or	rganics	"	5420		107	"	"		"	"	
Surrogate(s):	1-Chlorooctadecane			163%		50 - 150 %	"			"	S-02
	Triacontane			336%		50 - 150 %	"			"	S-02

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FA Since


825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection**

Cost Center PBPENOTHR Brad Authier Report Created: 08/25/06 17:11

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/103 TestAmerica - Portland OR

			1	estAmerica	i - Portia	and, OK					
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-13	(06-WellCl-1031)		Soi	1		Sampl	ed: 07/2	28/06 09:50			
Diesel Range Orga	nics	AK102/103	7050		27.3	mg/kg dry	5x	6080285	08/07/06 11:45	08/12/06 03:46	
Residual Range Or	ganics	"	1900		54.7	"		"	"		
Surrogate(s):	1-Chlorooctadecane			89.5%		50 - 150 %	"			"	
	Triacontane			131%		50 - 150 %	"			"	
PPH0154-14	(06-WellCl-1010)		Soi	1		Sampl	ed: 07/2	26/06 11:10			
Diesel Range Orga	nics	AK102/103	9800		97.2	mg/kg dry	10x	6080285	08/07/06 11:45	08/12/06 04:17	
Residual Range Or	rganics		4910		194	"	"		"	"	
Surrogate(s):	1-Chlorooctadecane			138%		50 - 150 %	"			"	
	Triacontane			193%		50 - 150 %	"			"	S-02
PPH0154-15	(06-WellCl-1036)		Soi	1		Sampl	ed: 07/2	28/06 11:25			
Diesel Range Orga	nics	AK102/103	22300		73.9	mg/kg dry	10x	6080285	08/07/06 11:45	08/12/06 04:48	
Residual Range Or	rganics	"	6220		148	"	"		"	"	
Surrogate(s):	1-Chlorooctadecane			213%		50 - 150 %	"			"	S-02
	Triacontane			176%		50 - 150 %	"			"	S-02
PPH0154-16	(06-WellCl-1048)		Soi	1		Sampl	ed: 07/2	28/06 17:40			
Diesel Range Orga	nics	AK102/103	4910		204	mg/kg dry	40x	6080285	08/07/06 11:45	08/22/06 08:06	
Residual Range Or	rganics		7210		409	"	"		"	"	
Surrogate(s):	1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
	Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154-17	(06-WellCl-1033)		Soi	1		Sampl	ed: 07/2	28/06 10:30			
Diesel Range Orga	nics	AK102/103	4700		201	mg/kg dry	40x	6080285	08/07/06 11:45	08/22/06 06:02	
Residual Range Or	rganics		7550		402	"	"		"	"	
Surrogate(s):	1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
	Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154-18	(06-WellCl-1013)		Soi	1		Sampl	ed: 07/2	26/06 13:30			
Diesel Range Orga	nics	AK102/103	7620		109	mg/kg dry	20x	6080285	08/07/06 11:45	08/22/06 06:33	
Residual Range Or	ganics	"	1860		218	"	"	"	"	"	
Surrogate(s):	1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
	Triacontane			NR		50 - 150 %	"			"	S-01

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FAT Since



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

THR

Report Created: 08/25/06 17:11

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/103 TestAmerica - Portland OR

			10	stAmerica	i - 1 0111	aliu, OK					-
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-19	(06-WellCl-1012)		Soil			Sampl	ed: 07/2	6/06 13:45			
Diesel Range Orga	nics	AK102/103	88400		1040	mg/kg dry	100x	6080285	08/07/06 11:45	08/23/06 16:11	
Residual Range Or	rganics	"	53100		2080	"	"				
Surrogate(s):	1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
5 ()	Triacontane			NR		50 - 150 %	"			"	S-01
			~ "								
PPH0154-20	(06-WellCl-1076)		Soll			Sampl	ed: 07/3	0/06 16:05			
Diesel Range Orga	inics	AK102/103	17300		122	mg/kg dry	20x	6080285	08/07/06 11:45	08/22/06 07:35	
Residual Range Or	rganics	"	6720		244	"	"	"	"	"	
Surrogate(s):	1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
	Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154_21	(06-WellCL1020)		Soil			Sampl	ed: 07/2	27/06 09:40			
Discol Derror Orror	(00-11020)	AV 102/102	E 46		5 12	ma/ka dau	1.	6080287	08/07/06 13:00	08/22/06 17:46	
Residual Range Orga	anics	" "	5.40 ND		10.3	"	"	"	"	"	
			ne	12(0/		50 150 0/	"			"	
Surrogate(s):	1-Chlorooctadecane Triacontane			120%		50 - 150 %	"			"	
	Thatomane										
PPH0154-22	(06-WellCl-1027)		Soil			Sampl	ed: 07/2	27/06 17:30			
Diesel Range Orga	nics	AK102/103	947		5.24	mg/kg dry	1x	6080287	08/07/06 13:00	08/23/06 16:42	
Residual Range Or	rganics	"	339		10.5	"			"		
Surrogate(s):	1-Chlorooctadecane			124%		50 - 150 %	"			"	
200108000(0)	Triacontane			125%		50 - 150 %	"			"	
PPH0154-23	(06-WellCl-1021)		Soil			Sampl	ed: 07/2	27/06 10:20			
Diesel Range Orga	nics	AK102/103	88.6		10.4	mg/kg dry	2x	6080287	08/07/06 13:00	08/22/06 09:36	
Residual Range Or	rganics	"	72.8		20.8	"	"	"	"		
Surrogate(s):	1-Chlorooctadecane			112%		50 - 150 %	"			"	
	Triacontane			114%		50 - 150 %	"			"	
PPH0154-24	(06-WellCl-1029)		Soil			Sampl	ed: 07/2	8/06 09:15			
Diesel Range Orga	nics	AK102/103	1260		55.2	mg/kg dry	10x	6080287	08/07/06 13:00	08/22/06 11:28	
Residual Range Or	rganics	"	602		110	"				"	
Surrogata(s)	I-Chlorooctadacara			120%		50 - 150 %	"			"	
Surroguie(S).	Triacontane			152%		50 - 150 %	"			"	S-02

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FA Since



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/25/06 17:11

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/103 TestAmerica - Portland OR

		le	stAmerica	a - Portla	and, OR					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-25 (06-WellCl-1009)		Soil			Sampl	ed: 07/2	26/06 10:10			
Diesel Range Organics	AK102/103	2570		106	mg/kg dry	20x	6080287	08/07/06 13:00	08/22/06 12:00	
Residual Range Organics	"	2040		213	"	"	"			
Surrogate(s): 1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154-26 (06-WellCl-1058)		Soil			Sampl	ed: 07/2	29/06 14:55			
Diesel Range Organics	AK102/103	7010		107	mg/kg dry	20x	6080287	08/07/06 13:00	08/22/06 13:17	
Residual Range Organics		725		215	"	"			"	
Surrogate(s): 1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154-27 (06-WellCl-1043)		Soil			Sampl	ed: 07/2	28/06 15:55			
Diesel Range Organics	AK102/103	2830		104	mg/kg dry	20x	6080287	08/07/06 13:00	08/22/06 12:45	
Residual Range Organics	"	3330		207	"	"		"	"	
Surrogate(s): 1-Chlorooctadecane			NR		50 - 150 %	"			"	S-01
Triacontane			NR		50 - 150 %	"			"	S-01
PPH0154-28 (06-WellCl-1089)		Soil			Sampl	ed: 07/3	31/06 12:20			
Diesel Range Organics	AK102/103	8810		54.4	mg/kg dry	10x	6080287	08/07/06 13:00	08/14/06 19:47	
Residual Range Organics		1960		109	"	"	"		"	
Surrogate(s): 1-Chlorooctadecane			132%		50 - 150 %	"			"	
Triacontane			215%		50 - 150 %	"			"	S-02
PPH0154-29 (06-WellCl-1018)		Soil			Sampl	ed: 07/2	27/06 08:20			
Diesel Range Organics	AK102/103	2280		55.5	mg/kg dry	10x	6080287	08/07/06 13:00	08/14/06 20:20	
Residual Range Organics	"	746		111	"	"		"	"	
Surrogate(s): 1-Chlorooctadecane			123%		50 - 150 %	"			"	
Triacontane			165%		50 - 150 %	"			"	S-02
PPH0154-30 (06-WellCl-1069)		Soil			Sampl	ed: 07/3	80/06 10:55			
Diesel Range Organics	AK102/103	4890		57.7	mg/kg dry	10x	6080287	08/07/06 13:00	08/14/06 20:52	
Residual Range Organics		4390		115	"	"			"	
Surrogate(s): 1-Chlorooctadecane			139%		50 - 150 %	"			"	
Triacontane			219%		50 - 150 %	"			"	S-02

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. FA Since



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 17:11

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/103

		16	estAmerica	a - Porti	and, OR					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-31 (06-WellCl-1087)		Soi	l		Sampl	ed: 07/3	61/06 12:05			
Diesel Range Organics	AK102/103	21.5		5.13	mg/kg dry	1x	6080287	08/07/06 13:00	08/14/06 21:25	
Residual Range Organics	"	24.5		10.3	"	"		"	"	
Surrogate(s): 1-Chlorooctadecane			108%		50 - 150 %	"			"	
Triacontane			100%		50 - 150 %	"			"	
PPH0154-32 (06-WellCl-1079)		Soil	l		Sampl	ed: 07/3	51/06 07:10			
Diesel Range Organics	AK102/103	337		53.4	mg/kg dry	10x	6080287	08/07/06 15:20	08/14/06 21:57	
Residual Range Organics	"	489		107	"	"		"	"	
Surrogate(s): 1-Chlorooctadecane			103%		50 - 150 %	"			"	
Triacontane			138%		50 - 150 %	"			"	
PPH0154-33 (06-WellCl-1085)		Soil	l		Sampl	ed: 07/3	31/06 10:00			
Diesel Range Organics	AK102/103	5100		53.3	mg/kg dry	10x	6080287	08/07/06 15:20	08/14/06 22:30	
Residual Range Organics	"	2080		107	"	"			"	
Surrogate(s): 1-Chlorooctadecane			109%		50 - 150 %	"			"	
Triacontane			147%		50 - 150 %	"			"	

TestAmerica - Portland, OR

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 17:11

		Perce	ent Dry Wei Te	ght (So l stAmerica	l ids) pe a - Portla	e r Stand and, OR	lard M	ethods						
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes			
PPH0154-01	(06-WellCl-1067)		Soil			Sam	pled: 07/3	0/06 10:15						
% Solids		NCA SOP	91.3		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-02	(06-WellCl-1081)		Soil			Sam	pled: 07/3	1/06 08:20						
% Solids		NCA SOP	92.3		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-03	(06-WellCl-1066)		Soil			Sam	pled: 07/3	0/06 09:30						
% Solids		NCA SOP	62.5		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-04	(06-WellCl-1073)		Soil			Sam	pled: 07/3	0/06 14:05						
% Solids		NCA SOP	93.4		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-05	(06-WellCl-1088)		Soil Sampled: 07/31/06 17:00											
% Solids		NCA SOP	95.9		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-06	(06-WellCl-1071)		Soil			Sam	pled: 07/3	0/06 11:50						
% Solids		NCA SOP	96.3		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-07	(06-WellCl-1068)		Soil			Sam	pled: 07/3	0/06 10:45						
% Solids		NCA SOP	93.6		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-08	(06-WellCl-1057)		Soil			Sam	pled: 07/2	9/06 14:15						
% Solids		NCA SOP	35.8		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-09	(06-WellCl-1053)		Soil			Sam	pled: 07/2	9/06 11:45						
% Solids		NCA SOP	75.7		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-10	(06-WellCl-1056)		Soil			Sam	pled: 07/2	9/06 14:00						
% Solids		NCA SOP	41.8		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01				
PPH0154-11	(06-WellCl-1047)		Soil			Sam	pled: 07/2	8/06 17:30						

TestAmerica - Portland, OR

Mary a. FA Singe

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 17:11

		Perce	ent Dry Wei Te	ght (Sol stAmerica	l ids) pe a - Portla	e r Stand und, OR	lard M	ethods			
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-11	(06-WellCl-1047)		Soil			Samj	pled: 07/2	8/06 17:30			
% Solids		NCA SOP	98.9		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-12	(06-WellCl-1072)		Soil			Samj	pled: 07/3	0/06 13:25			
% Solids		NCA SOP	94.9		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-13	(06-WellCl-1031)		Soil			Samj	pled: 07/2	8/06 09:50			
% Solids		NCA SOP	90.4		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-14	(06-WellCl-1010)		Soil			Samj	pled: 07/2	6/06 11:10			
% Solids		NCA SOP	51.8		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-15	(06-WellCl-1036)		Soil								
% Solids		NCA SOP	67.6		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-16	(06-WellCl-1048)		Soil			Samj	pled: 07/2	8/06 17:40			
% Solids		NCA SOP	98.2		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-17	(06-WellCl-1033)		Soil			Samj	pled: 07/2	8/06 10:30			
% Solids		NCA SOP	99.3		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-18	(06-WellCl-1013)		Soil			Samj	pled: 07/2	6/06 13:30			
% Solids		NCA SOP	92.0		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-19	(06-WellCl-1012)		Soil			Samj	pled: 07/2	6/06 13:45			
% Solids		NCA SOP	47.9		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-20	(06-WellCl-1076)		Soil			Samj	pled: 07/3	0/06 16:05			
% Solids		NCA SOP	81.5		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-21	(06-WellCl-1020)		Soil			Samj	pled: 07/2	7/06 09:40			

TestAmerica - Portland, OR

Mary a. For Singe

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 17:11

		Perce	ent Dry Wei Te	ght (So l stAmerica	l ids) pe a - Portla	e r Stand und, OR	lard M	ethods			
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0154-21	(06-WellCl-1020)		Soil			Samj	pled: 07/2	7/06 09:40			
% Solids		NCA SOP	96.6		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-22	(06-WellCl-1027)		Soil			Samj	pled: 07/2	7/06 17:30			
% Solids		NCA SOP	94.4		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-23	(06-WellCl-1021)		Soil			Samj	pled: 07/2	7/06 10:20			
% Solids		NCA SOP	94.6		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-24	(06-WellCl-1029)		Soil			Sam	pled: 07/2	8/06 09:15			
% Solids		NCA SOP	91.1		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-25	(06-WellCl-1009)		Soil								
% Solids		NCA SOP	93.8		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-26	(06-WellCl-1058)		Soil			Samj	pled: 07/2	9/06 14:55			
% Solids		NCA SOP	94.1		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-27	(06-WellCl-1043)		Soil			Sam	pled: 07/2	8/06 15:55			
% Solids		NCA SOP	95.1		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-28	(06-WellCl-1089)		Soil			Samj	pled: 07/3	1/06 12:20			
% Solids		NCA SOP	93.8		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-29	(06-WellCl-1018)		Soil			Samj	pled: 07/2	7/06 08:20			
% Solids		NCA SOP	91.5		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-30	(06-WellCl-1069)		Soil			Samj	pled: 07/3	0/06 10:55			
% Solids		NCA SOP	85.9		0.00	% by Weight	1x	6080157	08/03/06 09:01	08/03/06 09:01	
PPH0154-31	(06-WellCl-1087)		Soil			Samj	pled: 07/3	1/06 12:05			

TestAmerica - Portland, OR

Mary a. For Singe

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 17:11

	Percent Dry Weight (Solids) per Standard Methods TestAmerica - Portland, OR														
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes				
PPH0154-31	(06-WellCl-1087)		Soil			Sam	pled: 07/3	1/06 12:05							
% Solids	NCA SOP 97.5 0.00 % by 1x 6080157 08/03/06 09:01 08/03/06 09:01 Weight														
PPH0154-32	(06-WellCl-1079)		Soil			Sam	pled: 07/3	1/06 07:10							
% Solids		NCA SOP	93.9		0.00	% by Weight	lx	6080157	08/03/06 09:01	08/03/06 09:01					
PPH0154-33	(06-WellCl-1085)		Soil			Sam	pled: 07/3	1/06 10:00							
% Solids	3 (06-WellCl-1085) Soil Sampled: 07/31/06 10:00 NCA SOP 94.4 0.00 % by Weight 1x 6080157 08/03/06 09:01 08/03/06 09:01														

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager





Oasis Enviro	onmental				Project N	ame:	BPXA	Well Cel	llar Ins	pecti	on				
825 W. 8th Av	ve. Ste. 200				Project N	umber:	Cost Ce	nter PBPE	ENOTH	R				Report Create	d:
Anchorage, A	K 99501				Project M	lanager:	Brad Au	uthier						08/25/06 17:	11
Diese	el Range Organ	ics (C10-C25) and Resi	dual Ra	nge Organi TestAmerica	cs (C25-C - Portland,	36) per OR	AK102/1	103 - 1	Labor	atory Q	uality	Contr	ol Results	
QC Batch:	6080285	Soil Pre	paration M	lethod:	EPA 3550 F	uels									
Analyte		Method	Result	M	DL* MRI	L Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)) Analyzed	Notes
Blank (6080285	-BLK1)								Ext	acted:	08/07/06 11	:45			
Diesel Range Organics		AK102/103	ND		- 5.00	mg/kg wet	1x							08/09/06 13:41	
Residual Range Organi	cs	"	ND		- 10.0	"	"								
Surrogate(s): 1	I-Chlorooctadecane Triacontane		Recovery:	87.5% 75.2%		Limits: 50-150 50-150	% ")% "							08/09/06 13:41 "	
LCS (6080285-F	381)								Ext	acted:	08/07/06 11	:45			
Diesel Range Organics		AK102/103	90.0		- 5.00	mg/kg wet	1x		102	88.2%	(75-125)			08/09/06 13:09	
Residual Range Organi	ics	"	58.9		- 10.0	"	"		62.4	94.4%	(60-120)				
Surrogate(s): 1	1-Chlorooctadecane Triacontane		Recovery:	104% 99.0%		Limits: 60-120 60-120	% ")% "							08/09/06 13:09 "	
LCS Dup (6080)	285-BSD1)								Ext	acted:	08/07/06 11	:45			
Diesel Range Organics		AK102/103	95.3		- 5.00	mg/kg wet	1x		102	93.4%	(75-125)	5.72%	(20)	08/09/06 12:38	
Residual Range Organi	ics	"	64.0		- 10.0	"	"		62.4	103%	(60-120)	8.30%	, "		
Surrogate(s): 1	1-Chlorooctadecane Triacontane		Recovery:	109% 103%		Limits: 60-120 60-120	% ")% "							08/09/06 12:38 "	
Duplicate (6080	285-DUP1)				OC Sour	ce: PPH0154-	01		Ext	acted:	08/07/06 11	:45			
Diesel Range Organics		AK102/103	3930		- 55.8	mg/kg dry	10x	4730				18.5%	(50)	08/11/06 18:26	
Residual Range Organi	cs	"	789		- 112	"	"	951				18.6%	, "		
Surrogate(s):	l-Chlorooctadecane Triacontane		Recovery:	116% 135%	Ì	Limits: 50-150 50-150	% ")% "							08/11/06 18:26 "	
Duplicate (6080	285-DUP2)				QC Sour	ce: PPH0154-	02		Ext	acted:	08/07/06 11	:45			
Diesel Range Organics		AK102/103	4160		- 27.2	mg/kg dry	5x	4190				0.719%	6 (50)	08/11/06 18:58	
Residual Range Organi	ics	"	1270		- 54.5	"	"	1270				0.00%	, "	"	
Surrogate(s): 1	l-Chlorooctadecane Triacontane		Recovery:	344% 116%		Limits: 50-150 50-150	% ")% "							08/11/06 18:58 "	S-02
Matrix Spike (6	080285-MS1)				QC Sour	ce: PPH0154-	20		Ext	acted:	08/07/06 11	:45			
Diesel Range Organics		AK102/103	18500		62.3	mg/kg dry	10x	17300	127	945%	(50-150)			08/11/06 19:29	Q-03
Residual Range Organi	ics	"	7300		- 125	"	"	6720	77.7	746%				"	Q-03
Surrogate(s): 1	I-Chlorooctadecane Triacontane		Recovery:	200% 354%		Limits: 50-150 50-150	% ")% "							08/11/06 19:29 "	S-02 S-02

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. F.J. Sing





Oasis Environmental				Project 1	Name:	BPXA	Well Cel	llar Ins	specti	on				
825 W. 8th Ave. Ste. 200				Project 1	Number:	Cost Ce	enter PBPE	ENOTH	R				Report Create	ed:
Anchorage, AK 99501				Project N	Manager:	Brad A	uthier						08/25/06 17:	.11
Diesel Range Organ	nics (C10-C25) and Resi	dual Ra	nge Organ TestAmeric	ics (C25-C a - Portland	2 36) per , OR	AK102/1	103 - 1	Laboi	ratory Q	Quality	Contro	ol Results	
QC Batch: 6080285	Soil Pre	paration N	lethod:	EPA 3550 I	Fuels									
Analyte	Method	Result	М	DL* MR	L Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6080285-MS	D1)			QC Sou	rce: PPH0154	-20		Ext	racted:	08/07/06 1	1:45			
Diesel Range Organics	AK102/103	19200		- 61.8	8 mg/kg dry	10x	17300	126	1510%	(50-150)	3.71%	(25)	08/11/06 20:00	Q-03
Residual Range Organics	"	7360		124	4 "	"	6720	77.2	829%		0.819%	<i>•</i> "	"	Q-03
Surrogate(s): 1-Chlorooctadecane Triacontane		Recovery:	198% 334%		Limits: 50-15 50-15	0% " 0% "							08/11/06 20:00 "	S-02 S-02
QC Batch: 6080287	Soil Pre	paration N	lethod:	EPA 3550 I	Fuels									
Analyte	Method	Result	М	DL* MR	L Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6080287-BLK1)								Ext	racted:	08/07/06 1	3:00			
Diesel Range Organics	AK102/103	ND		- 5.00	0 mg/kg wet	1x							08/10/06 03:59	
Residual Range Organics	"	ND		- 10.0) "	"							"	
Surrogate(s): 1-Chlorooctadecane Triacontane		Recovery:	108% 86.9%		Limits: 50-15 50-15	0% " 0% "							08/10/06 03:59 "	
LCS (6080287-BS1)								Ext	racted:	08/07/06 1	3:00			
Diesel Range Organics	AK102/103	92.1		5.00) mg/kg wet	1x		102	90.3%	(75-125)			08/10/06 03:28	
Residual Range Organics	"	61.2		10.0) "	"		62.4	98.1%	(60-120)			"	
Surrogate(s): 1-Chlorooctadecane Triacontane		Recovery:	102% 96.3%		Limits: 60-12 60-12	0% " 0% "							08/10/06 03:28 "	
LCS Dup (6080287-BSD1)								Exti	racted:	08/07/06 1	3:00			
Diesel Range Organics	AK102/103	99.0		- 5.00	0 mg/kg wet	1x		102	97.1%	(75-125)	7.22%	6 (20)	08/10/06 02:57	
Residual Range Organics	"	66.0		- 10.0) "	"		62.4	106%	(60-120)	7.55%	0 "	"	
Surrogate(s): 1-Chlorooctadecane Triacontane		Recovery:	108% 104%		Limits: 60-12 60-12	0% " 0% "							08/10/06 02:57 "	
Duplicate (6080287-DUP1)				QC Sou	rce: PPH0154	-21		Ext	racted:	08/07/06 1	3:00			
Diesel Range Organics	AK102/103	12.2		- 5.19	9 mg/kg dry	1x	5.46				76.3%	6 (50)	08/10/06 01:54	Q-14
Residual Range Organics	"	ND		10.4	4 "	"	ND				24.6%	, "	"	
Surrogate(s): 1-Chlorooctadecane Triacontane		Recovery:	102% 97.6%		Limits: 50-15 50-15	0% " 0% "							08/10/06 01:54 "	
Duplicate (6080287-DUP2)				QC Sou	rce: PPH0154	-22		Ext	racted:	08/07/06 1	3:00			
Diesel Range Organics	AK102/103	859		- 26.9	9 mg/kg dry	5x	947				9.75%	6 (50)	08/14/06 18:09	
Residual Range Organics	"	326		- 53.8	3 "	"	339				3.91%	, "	"	
Surrogate(s): 1-Chlorooctadecane Triacontane		Recovery:	108% 122%		Limits: 50-15	0% " 0% "							08/14/06 18:09 "	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mary a. F.J. Sing



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/25/06 17:11

Diesel Range Organics (C10-C25) and Residual Range Organics (C25-C36) per AK102/103 - Laboratory Quality Control Results TestAmerica - Portland, OR

QC Batch:	6080287	Soil Pre	eparation N	fethod: EPA	A 3550 Fu	ıels									
Analyte		Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	e % REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Matrix Spike (6	6080287-MS1)				QC Sourc	e: PPH0154-2	6		Ext	racted:	08/07/06 13	:00			
Diesel Range Organics		AK102/103	8440		53.5	mg/kg dry	10x	7010	109	1310%	(50-150)			08/14/06 18:42	Q-03
Residual Range Organ	ics	"	1060		107	"	"	725	66.8	501%				"	Q-03
Surrogate(s):	1-Chlorooctadecane		Recovery:	90.0%	L	imits: 50-150%	"							08/14/06 18:42	
	Triacontane			147%		50-150%	ó "							"	
Matrix Spike Du	p (6080287-MSI	D1)			QC Sourc	e: PPH0154-20	6		Ext	racted:	08/07/06 13	:00			
Diesel Range Organics		AK102/103	9380		53.9	mg/kg dry	10x	7010	110	2150%	(50-150)	10.5%	6 (25)	08/14/06 19:15	Q-03
Residual Range Organ	ics	"	1300		108	"	"	725	67.3	854%		20.3%	6 "	"	Q-03
Surrogate(s):	1-Chlorooctadecane		Recovery:	85.5%	L	imits: 50-150%	"							08/14/06 19:15	
	Triacontane			146%		50-150%	ó "							"	

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/25/06 17:11

	Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results TestAmerica - Portland, OR													
QC Batch: 6080157	Other dr	y Preparation	n Method:	Dry Wei	ight									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike % Amt REC	(Limits)	% (Lim RPD	its) Analyzed	Notes		
Duplicate (6080157-DUP1)				QC Source:	PPH0154-10)		Extracted:	08/03/06 09):01				
% Solids	NCA SOP	35.0		0.00 %	by Weight	1x	41.8			17.7% (20)	08/03/06 09:01			
Duplicate (6080157-DUP2)				QC Source:	PPH0154-14	Ļ		Extracted:	08/03/06 09	9:01				
% Solids	NCA SOP	44.8		0.00 %	by Weight	1x	51.8			14.5% (20)	08/03/06 09:01			

TestAmerica - Portland, OR

Mary a. F.J. Sing

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 17:11

Notes and Definitions

Report Specific Notes: O-03 The matrix spike recovery, and/or RPD, for this QC sample cannot be accurately calculated due to the high concentration of analyte already present in the source sample. The matrix spike recovery, and/or RPD, for this QC sample is outside of control limits due to a non-homogeneous sample matrix. Q-14 S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences. S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present. Laboratory Reporting Conventions: DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only. ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate). NR/NA Not Reported / Not Available Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. dry Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis. RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries). MRL METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results. Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data. Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable. Electronic Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy.

Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Portland, OR

have a. FAT Since

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





August 25, 2006

Brad Authier Oasis Environmental 825 W. 8th Ave. Ste. 200 Anchorage, AK 99501

RE: BPXA Well Cellar Inspection

Enclosed are the results of analyses for samples received by the laboratory on 08/02/06 10:05. The following list is a summary of the Work Orders contained in this report, generated on 08/25/06 16:18.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPH0115	BPXA Well Cellar Inspection	Cost Center PBPENOTHR

TestAmerica - Portland, OR

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501

Г

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR Brad Authier

Report Created: 08/25/06 16:18

	ANALYTICAL REPO	ORT FOR SAM	PLES	
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
06-WellC1-1086	PPH0115-01	Water	07/31/06 11:15	08/02/06 10:05

TestAmerica - Portland, OR

Mary a. For Singe

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier Report Created: 08/25/06 16:18

	Gas	Gasoline Range Organics (C6-C10) per AK101 TestAmerica - Portland, OR								
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0115-01 (06-WellC1-1086)		Wa	Water Sampled: 07							
Gasoline Range Organics	AK101 GRO	ND		80.0	ug/l	1x	6080314	08/07/06 11:12	08/08/06 02:55	
Surrogate(s): 4-BFB (FID)			85.0%		60 - 120 %	"			"	

TestAmerica - Portland, OR

Mary a. FA Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 16:18

Diesel Range Organics (C10-C25) per AK102 TestAmerica - Portland, OR										
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0115-01 (06-WellC1-1086)		Wa	iter		Sampl	ed: 07/3	31/06 11:15			
Diesel Range Organics	AK102	1.68		0.245	mg/l	1x	6080292	08/07/06 16:45	08/08/06 19:11	
Surrogate(s): 1-Chlorooctadecane			93.6%		50 - 150 %	"			"	

Surrogate(s): 1-Chlorooctadecane

50 - 150~%

TestAmerica - Portland, OR

Mary a. FA Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier

"

Report Created: 08/25/06 16:18

"

BTEX per EPA Method 8021B TestAmerica - Portland, OR										
Analyte	Meth	od Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0115-01RE1 (06-WellC1-1086)	V	Water Sampled: 07/31/06 11:15							
Benzene	EPA 8021	B ND		0.500	ug/l	1x	6080386	08/08/06 12:47	08/08/06 17:26	
Toluene	"	0.929		0.500	"	"				
Ethylbenzene	"	ND		0.500		"			"	
Xylenes (total)	"	ND		1.00		"				

Surrogate(s): 4-BFB (PID)

86.8%

70 - 130 %

TestAmerica - Portland, OR

Mary a. FA Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection

Cost Center PBPENOTHR Brad Authier

"

10 - 125 %

Report Created: 08/25/06 16:18

Polynuclear Aromatic Compounds per EPA 8270M-SIM TestAmerica - Portland, OR										
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPH0115-01 (06-WellC1-1086)		W	ater		Sampl	ed: 07/3	31/06 11:15			R-05
Acenaphthene	EPA 8270m	ND		0.0777	ug/l	2x	6080241	08/04/06 15:35	08/23/06 16:07	R-03
Acenaphthylene	"	ND		0.0388	"	"	"		"	
Anthracene	"	ND		0.0388	"	"	"		"	
Benzo (a) anthracene	"	ND		0.0194	"	"	"		"	
Benzo (a) pyrene		ND		0.0194	"	"	"		"	
Benzo (b) fluoranthene	"	ND		0.0194	"	"	"		"	
Benzo (ghi) perylene		ND		0.0388	"	"	"		"	
Benzo (k) fluoranthene		ND		0.0194	"	"	"		"	
Chrysene		ND		0.0194	"	"	"		"	
Dibenzo (a,h) anthracene		ND		0.0194	"	"	"		"	
Fluoranthene		ND		0.0388	"	"	"		"	
Fluorene		ND		0.0388	"	"	"		"	
Indeno (1,2,3-cd) pyrene		ND		0.0194	"	"	"		"	
Naphthalene	"	0.331		0.0388	"	"	"	"	"	
Phenanthrene		ND		0.0388	"	"	"		"	
Pyrene	"	ND		0.0388	"	"	"	"	"	
Surrogate(s): Fluorene-d10			52.3%		25 - 125 %	"			"	
Pvrene-d10			75.7%		23 - 150 %	"			"	

75.7%

Pyrene-d10 Benzo (a) pyrene-d12

TestAmerica - Portland, OR

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/25/06 16:18

	Gasoline R	ange Org	anics (C6-0 Te	C 10) per A lestAmerica -	K101 - I Portland,	L abora OR	itory Qua	ality C	ontro	Results	5			
QC Batch: 6080314	Water 1	Preparatio	n Method:	EPA 5030B	;									
Analyte	Method	Result	MDL	* MRL	Units	Dil	Source Result	Spiko Amt	e % REC	(Limits)	% RPD (Limits) Analyzed	Notes
Blank (6080314-BLK1)								Ext	racted:	08/07/06 11	1:12			
Gasoline Range Organics	AK101 GRO	ND		80.0	ug/l	1x							08/07/06 16:18	
Surrogate(s): 4-BFB (FID)		Recovery:	96.8%	Lii	nits: 60-120	% "							08/07/06 16:18	
LCS (6080314-BS2)								Ext	racted:	08/07/06 11	1:12			
Gasoline Range Organics	AK101 GRO	444		80.0	ug/l	1x		500	88.8%	(60-120)			08/07/06 14:23	
Surrogate(s): 4-BFB (FID)		Recovery:	107%	Lii	nits: 60-120	% "							08/07/06 14:23	
LCS Dup (6080314-BSD2)								Ext	racted:	08/07/06 11	1:12			
Gasoline Range Organics	AK101 GRO	509		80.0	ug/l	1x		500	102%	(60-120)	13.8%	(20)	08/07/06 14:51	
Surrogate(s): 4-BFB (FID)		Recovery:	103%	Lii	nits: 60-120	% "							08/07/06 14:51	
Duplicate (6080314-DUP1)				QC Source	: PPH0115-	01		Ext	racted:	08/07/06 11	1:12			
Gasoline Range Organics	AK101 GRO	ND		80.0	ug/l	1x	ND				16.7%	(50)	08/08/06 03:22	
Surrogate(s): 4-BFB (FID)		Recovery:	82.6%	Lir	nits: 60-120	% "							08/08/06 03:22	
Duplicate (6080314-DUP2)				QC Source	: PPH0301-	01		Ext	racted:	08/07/06 11	1:12			
Gasoline Range Organics	AK101 GRO	167000		16000	ug/l	200x	190000				12.9%	(50)	08/07/06 20:04	
Surrogate(s): 4-BFB (FID)		Recovery:	86.2%	Lii	nits: 60-120	% 1x							08/07/06 20:04	
Matrix Spike (6080314-MS2)				QC Source	: PPH0282-	08		Ext	racted:	08/07/06 11	1:12			
Gasoline Range Organics	AK101 GRO	5080		80.0	ug/l	1x	4710	500	74.0%	(50-150)			08/08/06 02:00	E
Surrogate(s): 4-BFB (FID)		Recovery:	183%	Lii	nits: 60-120	% "							08/08/06 02:00	S-02
Matrix Spike Dup (6080314-MS	SD2)			QC Source	: PPH0282-	08		Ext	racted:	08/07/06 11	1:12			
Gasoline Range Organics	AK101 GRO	5110		80.0	ug/l	1x	4710	500	80.0%	(50-150)	7.79%	(20)	08/08/06 02:28	Е
Surrogate(s): 4-BFB (FID)		Recovery:	184%	Liı	nits: 60-120	% "							08/08/06 02:28	S-02

TestAmerica - Portland, OR

Mary a. F.J. Since Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager:

BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/25/06 16:18

	Diesel Ra	inge Organ	nics (C10-C25 Test/) per Ak America -	K102 - La Portland, O	borat R	tory Qual	lity Co	ontrol	Results				
QC Batch: 6080292	Water	Preparation	n Method: El	PA 3510 I	Fuels									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spiko Amt	e % REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (6080292-BLK1)								Ext	racted:	08/07/06 16	5:45			
Diesel Range Organics	AK102	ND		0.250	mg/l	1x							08/08/06 17:32	
Surrogate(s): 1-Chlorooctadecane		Recovery:	93.3%	Lii	nits: 50-150%	"							08/08/06 17:32	
LCS (6080292-BS1)								Ext	racted:	08/07/06 16	5:45			
Diesel Range Organics	AK102	2.47		0.250	mg/l	1x		2.56	96.5%	(75-125)			08/08/06 18:05	
Surrogate(s): 1-Chlorooctadecane		Recovery:	94.2%	Lii	nits: 50-150%	"							08/08/06 18:05	
LCS Dup (6080292-BSD1)								Ext	racted:	08/07/06 16	5:45			
Diesel Range Organics	AK102	1.93		0.250	mg/l	1x		2.56	75.4%	(75-125)	24.5%	6 (20)	08/08/06 18:38	Q-33
Surrogate(s): 1-Chlorooctadecane		Recovery:	74.6%	Lii	nits: 50-150%	"							08/08/06 18:38	

TestAmerica - Portland, OR

Mary a. F.J. Since

Mary A. Fritzmann Smith, Project Manager





C

Oasis Environmental				Project Nan	ne:	BPXA	Well Ce	lar Ins	pectio	on				
825 W 8th Ave Ste 200				Project Nur	nber:	Cost Ce	nter PRPF	NOTH	R			Report Created:		
Anchorage, AK 99501				Project Mar	nager:	Brad Au	ithier						08/25/06 16:	18
				5	5									
	BT	TEX per E	PA Method	8021B -	Labora	tory Qu	ality Cor	ntrol R	esults					
			Tes	tAmerica -	Portland	l, OR								
QC Batch: 6080314	Water	Preparation	n Method: H	CPA 5030B	1									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6080314-BLK1)								Extr	acted:	08/07/06 11	:12			
Benzene	EPA 8021B	ND		0.500	ug/l	1x							08/07/06 16:18	
Toluene	"	ND		0.500										
Ethylbenzene	"	ND		0.500										
Xylenes (total)	"	ND		1.00										
Surrogate(s): 4-BFB (PID)		Recovery:	97.2%	Lin	nits: 70-13	80% "							08/07/06 16:18	
LCS (6080314-BS1)								Extr	acted:	08/07/06 11	:12			
Benzene	EPA 8021B	16.5		0.500	ug/l	1x		20.0	82.5%	(80-120)			08/07/06 15:20	
Toluene		16.7		0.500		"		"	83.5%					
Ethylbenzene		16.9		0.500		"		"	84.5%					
Xylenes (total)		51.6		1.00		"		60.0	86.0%					
Surrogate(s): 4-BFB (PID)		Recovery:	98.2%	Lin	nits: 70-13	80% "							08/07/06 15:20	
LCS Dup (6080314-BSD1)								Extr	acted:	08/07/06 11	:12			
Benzene	EPA 8021B	20.5		0.500	ug/l	1x		20.0	102%	(80-120)	21.1%	(20)	08/07/06 15:49	Q-33
Toluene		20.6		0.500		"		"	103%		20.9%	"		Q-33
Ethylbenzene		21.0		0.500		"		"	105%		21.6%	"		Q-33
Xylenes (total)		63.5		1.00		"		60.0	106%		20.8%	"		Q-33
Surrogate(s): 4-BFB (PID)		Recovery:	101%	Lin	nits: 70-13	80% "							08/07/06 15:49	
Matrix Spike (6080314-MS1)				QC Source:	PPH028	2-08		Extr	acted:	08/07/06 11	:12			
Benzene	EPA 8021B	1050		0.500	ug/l	1x	1070	20.0	-100%	(70-130)			08/08/06 00:10	Q-01, E
Toluene	"	68.3		0.500	"	"	51.1	"	86.0%				"	
Ethylbenzene		571		0.500	"	"	567	"	20.0%				"	Q-01, E
Xylenes (total)	"	132		1.00	"		81.3	60.0	84.5%				"	
Surrogate(s): 4-BFB (PID)		Recovery:	110%	Lin	nits: 70-13	30% "							08/08/06 00:10	
Matrix Spike Dup (6080314-MS	SD1)			QC Source:	PPH028	2-08		Extr	acted:	08/07/06 11	:12			
Benzene	EPA 8021B	1100		0.500	ug/l	1x	1070	20.0	150%	(70-130)	1000%	(20)	08/08/06 01:33	Q-01, E
Toluene	"	72.2		0.500	"		51.1		106%		20.8%	"	"	Q-01
Ethylbenzene		568		0.500			567		5.00%		120%			O-01 F

"

Limits: 70-130%

1.00

..

"

81.3

TestAmerica - Portland, OR

Surrogate(s): 4-BFB (PID)

Ethy

Xylenes (total)

Mary a. For Since

"

144

Recovery: 111%

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

20.7% "

"

08/08/06 01:33

Q-01

..

60.0 104%





BPXA Well Cellar Inspection Oasis Environmental Project Name: Cost Center PBPENOTHR 825 W. 8th Ave. Ste. 200 Project Number: Report Created: Project Manager: Anchorage, AK 99501 Brad Authier 08/25/06 16:18 BTEX per EPA Method 8021B - Laboratory Quality Control Results TestAmerica - Portland, OR QC Batch: 6080386 Water Preparation Method: EPA 5030B Source Spike 0/ Analyte Method Result MDL* MRL Units Dil (Limits) (Limits) Analyzed Notes RPD REC Result Amt Blank (6080386-BLK1) Extracted: 08/08/06 12:19 EPA 8021B 08/08/06 13:53 Benzene ND 0 500 1x --ug/l ---_ ------Toluene .. ND 0.500 ---------------.. ND 0.500 Ethylbenzene ----------------.. 1.00 ... Xvlenes (total) ND --------------------" Surrogate(s): 4-BFB (PID) Recovery: 94.4% Limits: 70-130% 08/08/06 13:53 LCS (6080386-BS1) Extracted: 08/08/06 12:19 EPA 8021B 20.0 0.500 1x 20.0 100% (80-120) 08/08/06 12:50 Benzene --ug/l --------Toluene 20.8 0.500 ---104% -------.. Ethylbenzene 21.5 0.500 108% ------.. 1.00 108% Xylenes (total) 64.7 60.0 -----------Limits: 70-130% " 08/08/06 12:50 4-BFB (PID) 106% Surrogate(s): Recovery: LCS Dup (6080386-BSD1) Extracted: 08/08/06 12:19 Benzene EPA 8021B 0 500 3 92% (20) 08/08/06 13:21 20.9 1x 20.0 104% (80-120)--ug/l --Toluene 21.5 0.500 ---108% 3 77% " Ethylbenzene 22.4 0.500 ---112% 3.64% ., ., .. Xylenes (total) 66.9 ----1.00 60.0 112% 3.64% " ---08/08/06 13:21 Surrogate(s): 4-BFB (PID) 102% Limits: 70-130% " Recovery: QC Source: PPH0209-03RE1 Extracted: 08/08/06 12:19 Matrix Spike (6080386-MS1) Benzene EPA 8021B 6120 25.0 50x 5090 1000 103% (70-130) 08/08/06 19:32 ug/l ------.. ... Toluene 1660 25.0 732 92.8% -------.. Ethylbenzene 3880 25.0 2860 102% ---------.. .. 96.7% 50.0 4490 ... Xylenes (total) 7390 3000 ... --------Surrogate(s): 4-BFB (PID) Recovery: 90.8% Limits: 70-130% *1x* 08/08/06 19:32 QC Source: PPH0209-03RE1 Extracted: 08/08/06 12:19 Matrix Spike Dup (6080386-MSD1) EPA 8021B Benzene 6050 25.0 50x 5090 1000 96.0% (70-130) 7.04% (20) 08/08/06 20:04 ug/l ---... ., Toluene 1650 25.0 1.08% 732 91.8% ---., 25.0 Ethylbenzene 3830 ---2860 97.0% 5.03%

Surrogate(s): 4-BFB (PID)

Xylenes (total)

Recovery:

7300

87.0%

..

Limits: 70-130% lx

..

4490

3000

93.7%

3.15% "

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

08/08/06 20:04

TestAmerica - Portland, OR

Mary a. FAT Since

Mary A. Fritzmann Smith, Project Manager



50.0



825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection** Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 16:18

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results TestAmerica - Portland, OR

QC Batch: 6080241	Water I	Preparation	Method: 35	520B Liq-1	Liq									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6080241-BLK1)								Extr	acted:	08/04/06 15	:35			
Acenaphthene	EPA 8270m	ND		0.0200	ug/l	1x						(08/23/06 02:34	
Acenaphthylene	"	ND		0.0200	"									
Anthracene	"	ND		0.0200	"									
Benzo (a) anthracene	"	ND		0.0100	"									
Benzo (a) pyrene	"	ND		0.0100	"									
Benzo (b) fluoranthene	"	ND		0.0100	"									
Benzo (ghi) perylene	"	ND		0.0200	"									
Benzo (k) fluoranthene	"	ND		0.0100	"								"	
Chrysene	"	ND		0.0100	"								"	
Dibenzo (a,h) anthracene	"	ND		0.0100	"								"	
Fluoranthene	"	ND		0.0200	"								"	
Fluorene	"	ND		0.0200	"									
Indeno (1,2,3-cd) pyrene	"	ND		0.0100	"									
Naphthalene	"	ND		0.0200	"									
Phenanthrene	"	ND		0.0200	"								"	
Pyrene	"	ND		0.0200	"	"								
Surrogate(s): Fluorene-d10		Recovery:	61.6%	Lin	nits: 25-125%	"							08/23/06 02:34	
Pyrene-d10			78.4%		23-150%	"							"	
Benzo (a) pyrene-d12			66.4%		10-125%	"							"	
LCS (6080241-BS1)								Extr	acted:	08/04/06 15	:35			
Acenaphthene	EPA 8270m	2.62		0.0200	ug/l	1x		2.50	105%	(35-120)		(08/23/06 03:04	
Acenaphthylene	"	2.69		0.0200	"				108%	(34-116)				
Anthracene	"	2.31		0.0200	"				92.4%	(24-119)				
Benzo (a) anthracene	"	2.74		0.0100	"				110%	(36-128)				
Benzo (a) pyrene	"	2.58		0.0100	"				103%	(17-128)				
Benzo (b) fluoranthene	"	2.76		0.0100	"				110%	(37-131)				
Benzo (ghi) perylene	"	2.31		0.0200	"				92.4%	(26-126)				
Benzo (k) fluoranthene	"	2.92		0.0100	"				117%	(18-145)				
Chrysene	"	2.65		0.0100	"				106%	(16-137)				
Dibenzo (a,h) anthracene	"	2.59		0.0100	"				104%	(20-141)				
Fluoranthene	"	2.84		0.0200	"				114%	(31-125)				
Fluorene	"	2.76		0.0200	"				110%	(27-124)				
Indeno (1,2,3-cd) pyrene	"	2.57		0.0100	"				103%	(30-135)				
Naphthalene	"	2.53		0.0200	"				101%	(30-113)				
Phenanthrene	"	2.54		0.0200	"				102%	(34-126)				
Pyrene	"	2.78		0.0200	"				111%	(21-141)				
Surrogate(s): Fluorene-d10 Pyrene-d10		Recovery:	75.6% 80.0%	Lin	nits: 25-125% 23-150%	"							08/23/06 03:04 "	

TestAmerica - Portland, OR

Mary a. For Singe

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200

Anchorage, AK 99501

Project Name: Project Number: Project Manager: BPXA Well Cellar Inspection Cost Center PBPENOTHR Brad Authier

Report Created: 08/25/06 16:18

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR 3520B Liq-Liq QC Batch: 6080241 Water Preparation Method: ^⁰∕_A (Limits) REC Source Spike Analyte Method Result MDL* MRL Units Dil (Limits) Analyzed Notes RPD Result Amt LCS (6080241-BS1) Extracted: 08/04/06 15:35 76.4% Limits: 10-125% 1r 08/23/06 03:04 Surrogate(s): Benzo (a) pyrene-d12 Recovery: LCS Dup (6080241-BSD1) Extracted: 08/04/06 15:35 Acenaphthene EPA 8270m 2 79 0.0200 1x 2 50 112% (35-120) 6.45% (35) 08/23/06 03:33 --ug/l ---., " Acenaphthylene 2.80 0.0200 112% (34-116) 3.64% " ------., .. Anthracene 2.40 0.0200 96.0% (24-119) 3.82% ------., ., .. 0.0100 2.69% Benzo (a) anthracene 2.82 ---113% (36-128)Benzo (a) pyrene 2.60 0.0100 ---104% (17-128) 0.966% .. 2.72 0.0100 .. 109% Benzo (b) fluoranthene ---(37-131) 0.913% 2.34 0.0200 Benzo (ghi) perylene ---93.6% (26-126)1.29% ., 0.0100 Benzo (k) fluoranthene 2.94 ---118% (18-145)0.851% Chrysene 2.75 0.0100 ---110% (16-137) 3.70% 0.0100 104% Dibenzo (a,h) anthracene 2.61 ---(20-141) 0.00%0.0200 ... Fluoranthene 2.96 118% (31-125) 3.45% ------Fluorene 2.88 0.0200 ---115% (27-124)4.44% ---Indeno (1,2,3-cd) pyrene 2.59 0.0100 ---104% (30-135) 0.966% 0.0200 Naphthalene 2.67 ---107% (30-113) 5.77% ---0.0200 " Phenanthrene 2.66 -------106% (34-126) 3.85% .. ., " Pyrene 3.08 ---0.0200 ---123% (21-141) 10.3% Recovery: Surrogate(s): Fluorene-d10 72.0% Limits: 25-125% " 08/23/06 03:33 Pyrene-d10 80.8% 23-150% Benzo (a) pyrene-d12 74.4% 10-125%

TestAmerica - Portland, OR

Mary a. For Sind

Mary A. Fritzmann Smith, Project Manager





825 W. 8th Ave. Ste. 200 Anchorage, AK 99501 Project Name: Project Number: Project Manager: **BPXA Well Cellar Inspection**

Cost Center PBPENOTHR

Brad Authier

Report Created: 08/25/06 16:18

Notes and Definitions

Report Sp	peci	fic Notes:
Е	-	Estimated value. The reported value exceeds the calibration range of the analysis.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-33	-	%RPD for the LCS/LCS Duplicate QC samples are outside of specified criteria. Recoveries for these QC control samples are within acceptable limits.
R-03	-	The reporting limit for this analyte was raised due to matrix interference.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
S-02	-	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.
Laborator	ry R	eporting Conventions:
DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's <i>Electronic Reporting and Electronic Signatures Policy</i> . Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Portland, OR

Mary a. For Since

Mary A. Fritzmann Smith, Project Manager

