

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-001 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID HUNT DITCH
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Alkalinity	18.4	mg/L	1	5/23/2008	DMB	SM2320B	
Aluminum	0.450	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Antimony	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Arsenic	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
E. Coli	80	MPN/100mL	2	5/24/2008	WOZ	SM9221F	
Fecal Coliform	80	MPN/100mL	2	5/24/2008	WOZ	SM9221E	
Total Coliform	80	MPN/100mL	2	5/24/2008	WOZ	SM9221B	
Barium	0.0197	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Beryllium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bicarbonate	18.4	mg/L	5	5/23/2008	DMB	SM2320B	
BOD	2.24	mg/L	2	5/27/2008	EMB	SM5210B	
Cadmium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Calcium	4.15	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Carbofuran	ND	ug/L	2	6/2/2008	JWC	EPA 531.1	
Oxamyl	ND	ug/L	4	6/2/2008	JWC	EPA 531.1	
Carbonate	ND	mg/L	5	5/23/2008	DMB	SM2320B	
Chloramine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chloride	0.720	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Chlorine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chromium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Color	10	color units	5	5/23/2008	DMB	EPA 110.2	
Copper	0.00124	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Corrosivity	-2.61			5/30/2008	ETL	Calculation	
Cyanide	ND	mg/L	0.01	5/29/2008	ETL	EPA 335.4	
Diquat	ND	ug/L	0.8	5/27/2008	JWC	EPA 549.2	
Dissolved Iron	0.111	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Dissolved Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.04	5/28/2008	SAT	EPA 504.1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.02	5/28/2008	SAT	EPA 504.1	
Endothall	ND	ug/L	10	5/28/2008	EMP	EPA 548.1	
Fluoride	0.116	mg/L	0.1	5/22/2008	JTT	EPA 300.0	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-001 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID HUNT DITCH
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Glyphosate	ND	ug/L	9	5/28/2008	JWC	EPA 547	
Dibromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Dichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monobromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monochloroacetic acid	ND	ug/L	2	5/23/2008	SAT	SM6251B	
Total HAA5	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Trichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Hardness	16.6	mg/L	1	5/23/2008	DMB	EPA 200.8	
2,4,5-TP (Silvex)	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
2,4-D	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dalapon	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dicamba	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dinoseb	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.08	5/27/2008	SAT	EPA 515.3	
Picloram	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Iron	0.751	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Lead	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Magnesium	1.50	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Manganese	0.0198	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Mercury-lcpms	ND	mg/L	0.0001	5/28/2008	DMB	EPA 200.8	
Nickel	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
NO3/N	ND	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
NO2/N	ND	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Odor	ND	TON	1	5/21/2008	ETL	EPA 140.1	
Chlordane	ND	ug/L	0.4	5/27/2008	SAT	EPA 505	
Endrin	ND	ug/L	0.02	5/27/2008	SAT	EPA 505	
gamma-BHC (Lindane)	ND	ug/L	0.04	5/27/2008	SAT	EPA 505	
Heptachlor	ND	ug/L	0.08	5/27/2008	SAT	EPA 505	
Heptachlor epoxide	ND	ug/L	0.04	5/27/2008	SAT	EPA 505	
Methoxychlor	ND	ug/L	0.2	5/27/2008	SAT	EPA 505	
PCBs	ND	ug/L	0.5	5/27/2008	SAT	EPA 505	
Toxaphene	ND	ug/L	2	5/27/2008	SAT	EPA 505	
Potassium	1.44	mg/L	0.1	5/23/2008	DMB	EPA 200.8	

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Selenium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Alachlor	ND	ug/L	0.4	5/29/2008	EMP	EPA 525.2	
Atrazine	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Benzo[a]pyrene	ND	ug/L	0.02	5/29/2008	EMP	EPA 525.2	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.6	5/29/2008	EMP	EPA 525.2	
bis-2(ethylhexyl)adipate	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorobenzene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorocyclopentadiene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Simazine	ND	ug/L	0.15	5/29/2008	EMP	EPA 525.2	
Dicamba	ND	ug/L	2	6/4/2008	TGT	EPA 8321A	
MCPA	ND	ug/L	0.1	6/4/2008	TGT	EPA 8321A	
Metsulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Thifensulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Tribenuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
silica (as SiO2)	13.2	mg/L	1	5/29/2008	DMB	EPA 200.8	
Silver	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Sodium	2.72	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
TDS	57	mg/L	10	5/28/2008	DMB	EPA 160.1	
TSS	100	mg/L	5	5/28/2008	DMB	EPA 160.2	
Sulfate	0.967	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
MBAS	ND	mg/L	0.05	6/3/2008	JTT	SM5540C	
Thallium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bromodichloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Bromoform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Chloroform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Dibromochloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Total Trihalomethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
TOC	2.37	mg/L	0.1	6/5/2008	SUB	SM5310C	
Turbidity	42.6	NTU	0.1	5/23/2008	DMB	EPA 180.1	
UV Absorbance at 254 nm	0.091	cm-1	0.009	5/29/2008	SUB	SM 5910	
1,1,1-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	

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Client Sample ID HUNT DITCH
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4-Trichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloropropane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Benzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Carbon Tetrachloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
chlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Ethylbenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Methylene chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Styrene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Tetrachloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Toluene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Trichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Vinyl Chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Epichlorohydrin	ND	ug/L	1	5/28/2008	TGT	EPA 8260B	
Zinc	0.00142	mg/L	0.001	5/28/2008	DMB	EPA 200.8	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Batch #: 080521020
Project Name: UMATILLA RECHARGE
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Analytical Results Report

Sample Number 080521020-002 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID DMPW2
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Alkalinity	188	mg/L	1	5/23/2008	DMB	SM2320B	
Aluminum	ND	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Antimony	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Arsenic	0.00409	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
E. Coli	2	MPN/100mL	2	5/24/2008	WOZ	SM9221F	
Fecal Coliform	2	MPN/100mL	2	5/24/2008	WOZ	SM9221E	
Total Coliform	11	MPN/100mL	2	5/25/2008	WOZ	SM9221B	
Barium	0.0382	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Beryllium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bicarbonate	188	mg/L	5	5/23/2008	DMB	SM2320B	
BOD	<2	mg/L	2	5/27/2008	EMB	SM5210B	
Cadmium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Calcium	60.7	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Carbofuran	ND	ug/L	2	6/2/2008	JWC	EPA 531.1	
Oxamyl	ND	ug/L	4	6/2/2008	JWC	EPA 531.1	
Carbonate	ND	mg/L	5	5/23/2008	DMB	SM2320B	
Chloramine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chloride	66.3	mg/L	0.1	6/3/2008	JTT	EPA 300.0	
Chlorine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chromium	0.00115	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Color	ND	color units	5	5/23/2008	DMB	EPA 110.2	
Copper	0.00128	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Corrosivity	0.306			5/30/2008	ETL	Calculation	
Cyanide	ND	mg/L	0.01	5/29/2008	ETL	EPA 335.4	
Diquat	ND	ug/L	0.8	5/27/2008	JWC	EPA 549.2	
Dissolved Iron	0.310	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Dissolved Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.04	5/28/2008	SAT	EPA 504.1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.02	5/28/2008	SAT	EPA 504.1	
Endothall	ND	ug/L	10	5/28/2008	EMP	EPA 548.1	
Fluoride	0.487	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Glyphosate	ND	ug/L	9	5/28/2008	JWC	EPA 547	
Dibromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	

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Analytical Results Report

Sample Number 080521020-002 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID DMPW2
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Dichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monobromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monochloroacetic acid	ND	ug/L	2	5/23/2008	SAT	SM6251B	
Total HAA5	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Trichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Hardness	251	mg/L	1	5/23/2008	DMB	EPA 200.8	
2,4,5-TP (Silvex)	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
2,4-D	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dalapon	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dicamba	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dinoseb	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.08	5/27/2008	SAT	EPA 515.3	
Picloram	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Iron	0.352	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Lead	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Magnesium	24.0	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Mercury-lcpms	ND	mg/L	0.0001	5/28/2008	DMB	EPA 200.8	
Nickel	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
NO3/N	16.3	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
NO2/N	ND	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Odor	ND	TON	1	5/21/2008	ETL	EPA 140.1	
Chlordane	ND	ug/L	0.4	6/4/2008	SAT	EPA 505	
Endrin	ND	ug/L	0.02	6/4/2008	SAT	EPA 505	
gamma-BHC (Lindane)	ND	ug/L	0.04	6/4/2008	SAT	EPA 505	
Heptachlor	ND	ug/L	0.08	6/4/2008	SAT	EPA 505	
Heptachlor epoxide	ND	ug/L	0.04	6/4/2008	SAT	EPA 505	
Methoxychlor	ND	ug/L	0.2	6/4/2008	SAT	EPA 505	
PCBs	ND	ug/L	0.5	6/4/2008	SAT	EPA 505	
Toxaphene	ND	ug/L	2	6/4/2008	SAT	EPA 505	
Potassium	3.98	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Selenium	0.00699	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Alachlor	ND	ug/L	0.4	5/29/2008	EMP	EPA 525.2	

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Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Atrazine	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Benzo[a]pyrene	ND	ug/L	0.02	5/29/2008	EMP	EPA 525.2	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.6	5/29/2008	EMP	EPA 525.2	
bis-2(ethylhexyl)adipate	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorobenzene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorocyclopentadiene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Simazine	ND	ug/L	0.15	5/29/2008	EMP	EPA 525.2	
Dicamba	ND	ug/L	2	6/4/2008	TGT	EPA 8321A	
MCPA	ND	ug/L	0.1	6/4/2008	TGT	EPA 8321A	
Metsulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Thifensulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Tribenuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
silica (as SiO2)	24.7	mg/L	1	5/29/2008	DMB	EPA 200.8	
Silver	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Sodium	45.3	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
TDS	464	mg/L	10	5/28/2008	DMB	EPA 160.1	
TSS	ND	mg/L	5	5/28/2008	DMB	EPA 160.2	
Sulfate	78.9	mg/L	0.1	6/3/2008	JTT	EPA 300.0	
MBAS	ND	mg/L	0.05	6/3/2008	JTT	SM5540C	
Thallium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bromodichloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Bromoform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Chloroform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Dibromochloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Total Trihalomethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
TOC	1.42	mg/L	0.1	6/5/2008	SUB	SM5310C	
Turbidity	0.44	NTU	0.1	5/23/2008	DMB	EPA 180.1	
UV Absorbance at 254 nm	0.024	cm-1	0.009	5/29/2008	SUB	SM 5910	
1,1,1-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-002 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID DMPW2
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloropropane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Benzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Carbon Tetrachloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
chlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Ethylbenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Methylene chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Styrene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Tetrachloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Toluene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Trichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Vinyl Chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Epichlorohydrin	ND	ug/L	1	5/28/2008	TGT	EPA 8260B	
Zinc	0.0710	mg/L	0.001	5/28/2008	DMB	EPA 200.8	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-003 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID DMPW2-DUP
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Alkalinity	175	mg/L	1	5/23/2008	DMB	SM2320B	
Aluminum	ND	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Antimony	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Arsenic	0.00417	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
E. Coli	<2	MPN/100mL	2	5/24/2008	WOZ	SM9221F	
Fecal Coliform	<2	MPN/100mL	2	5/24/2008	WOZ	SM9221E	
Total Coliform	8	MPN/100mL	2	5/25/2008	WOZ	SM9221B	
Barium	0.0384	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Beryllium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bicarbonate	175	mg/L	5	5/23/2008	DMB	SM2320B	
BOD	<2	mg/L	2	5/27/2008	EMB	SM5210B	
Cadmium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Calcium	70.1	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Carbofuran	ND	ug/L	2	6/2/2008	JWC	EPA 531.1	
Oxamyl	ND	ug/L	4	6/2/2008	JWC	EPA 531.1	
Carbonate	ND	mg/L	5	5/23/2008	DMB	SM2320B	
Chloramine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chloride	68.4	mg/L	0.1	6/3/2008	JTT	EPA 300.0	
Chlorine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chromium	0.00114	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Color	ND	color units	5	5/23/2008	DMB	EPA 110.2	
Copper	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Corrosivity	0.232			5/30/2008	ETL	Calculation	
Cyanide	ND	mg/L	0.01	5/29/2008	ETL	EPA 335.4	
Diquat	ND	ug/L	0.8	5/27/2008	JWC	EPA 549.2	
Dissolved Iron	0.329	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Dissolved Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.04	5/28/2008	SAT	EPA 504.1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.02	5/28/2008	SAT	EPA 504.1	
Endothall	ND	ug/L	10	5/28/2008	EMP	EPA 548.1	
Fluoride	0.475	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Glyphosate	ND	ug/L	9	5/28/2008	JWC	EPA 547	
Dibromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-003 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID DMPW2-DUP
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Dichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monobromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monochloroacetic acid	ND	ug/L	2	5/23/2008	SAT	SM6251B	
Total HAA5	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Trichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Hardness	289	mg/L	1	5/23/2008	DMB	EPA 200.8	
2,4,5-TP (Silvex)	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
2,4-D	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dalapon	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dicamba	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dinoseb	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.08	5/27/2008	SAT	EPA 515.3	
Picloram	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Iron	0.343	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Lead	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Magnesium	27.6	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Mercury-lcpms	ND	mg/L	0.0001	5/28/2008	DMB	EPA 200.8	
Nickel	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
NO3/N	16.4	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
NO2/N	ND	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Odor	ND	TON	1	5/21/2008	ETL	EPA 140.1	
Chlordane	ND	ug/L	0.4	6/4/2008	SAT	EPA 505	
Endrin	ND	ug/L	0.02	6/4/2008	SAT	EPA 505	
gamma-BHC (Lindane)	ND	ug/L	0.04	6/4/2008	SAT	EPA 505	
Heptachlor	ND	ug/L	0.08	6/4/2008	SAT	EPA 505	
Heptachlor epoxide	ND	ug/L	0.04	6/4/2008	SAT	EPA 505	
Methoxychlor	ND	ug/L	0.2	6/4/2008	SAT	EPA 505	
PCBs	ND	ug/L	0.5	6/4/2008	SAT	EPA 505	
Toxaphene	ND	ug/L	2	6/4/2008	SAT	EPA 505	
Potassium	4.36	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Selenium	0.00706	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Alachlor	ND	ug/L	0.4	5/29/2008	EMP	EPA 525.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-003 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID DMPW2-DUP
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Atrazine	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Benzo[a]pyrene	ND	ug/L	0.02	5/29/2008	EMP	EPA 525.2	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.6	5/29/2008	EMP	EPA 525.2	
bis-2(ethylhexyl)adipate	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorobenzene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorocyclopentadiene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Simazine	ND	ug/L	0.15	5/29/2008	EMP	EPA 525.2	
Dicamba	ND	ug/L	2	6/4/2008	TGT	EPA 8321A	
MCPA	ND	ug/L	0.1	6/4/2008	TGT	EPA 8321A	
Metsulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Thifensulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Tribenuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
silica (as SiO2)	23.4	mg/L	1	5/29/2008	DMB	EPA 200.8	
Silver	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Sodium	50.6	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
TDS	484	mg/L	10	5/28/2008	DMB	EPA 160.1	
TSS	ND	mg/L	5	5/28/2008	DMB	EPA 160.2	
Sulfate	81.5	mg/L	0.1	6/3/2008	JTT	EPA 300.0	
MBAS	ND	mg/L	0.05	6/3/2008	JTT	SM5540C	
Thallium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bromodichloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Bromoform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Chloroform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Dibromochloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Total Trihalomethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
TOC	1.39	mg/L	0.1	6/5/2008	SUB	SM5310C	
Turbidity	ND	NTU	0.1	5/23/2008	DMB	EPA 180.1	
UV Absorbance at 254 nm	0.024	cm-1	0.009	5/29/2008	SUB	SM 5910	
1,1,1-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-003 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID DMPW2-DUP
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloropropane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Benzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Carbon Tetrachloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
chlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Ethylbenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Methylene chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Styrene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Tetrachloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Toluene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Trichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Vinyl Chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Epichlorohydrin	ND	ug/L	1	5/28/2008	TGT	EPA 8260B	
Zinc	0.0563	mg/L	0.001	5/28/2008	DMB	EPA 200.8	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-004 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID U1269
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Alkalinity	229	mg/L	1	5/23/2008	DMB	SM2320B	
Aluminum	ND	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Antimony	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Arsenic	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
E. Coli	<2	MPN/100mL	2	5/24/2008	WOZ	SM9221F	
Fecal Coliform	<2	MPN/100mL	2	5/24/2008	WOZ	SM9221E	
Total Coliform	<2	MPN/100mL	2	5/25/2008	WOZ	SM9221B	
Barium	0.0769	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Beryllium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bicarbonate	229	mg/L	5	5/23/2008	DMB	SM2320B	
BOD	<2	mg/L	2	5/27/2008	EMB	SM5210B	
Cadmium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Calcium	67.8	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Carbofuran	ND	ug/L	2	6/2/2008	JWC	EPA 531.1	
Oxamyl	ND	ug/L	4	6/2/2008	JWC	EPA 531.1	
Carbonate	ND	mg/L	5	5/23/2008	DMB	SM2320B	
Chloramine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chloride	53.8	mg/L	0.1	6/3/2008	JTT	EPA 300.0	
Chlorine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chromium	0.00143	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Color	10	color units	5	5/23/2008	DMB	EPA 110.2	
Copper	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Corrosivity	-0.00539			5/30/2008	ETL	Calculation	
Cyanide	ND	mg/L	0.01	5/29/2008	ETL	EPA 335.4	
Diquat	ND	ug/L	0.8	5/27/2008	JWC	EPA 549.2	
Dissolved Iron	0.0997	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Dissolved Manganese	0.00185	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.04	5/28/2008	SAT	EPA 504.1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.02	5/28/2008	SAT	EPA 504.1	
Endothall	ND	ug/L	10	5/28/2008	EMP	EPA 548.1	
Fluoride	0.188	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Glyphosate	ND	ug/L	9	5/28/2008	JWC	EPA 547	
Dibromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-004 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID U1269
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Dichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monobromoacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Monochloroacetic acid	ND	ug/L	2	5/23/2008	SAT	SM6251B	
Total HAA5	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Trichloroacetic acid	ND	ug/L	1	5/23/2008	SAT	SM6251B	
Hardness	295	mg/L	1	5/23/2008	DMB	EPA 200.8	
2,4,5-TP (Silvex)	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
2,4-D	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dalapon	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dicamba	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dinoseb	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.08	5/27/2008	SAT	EPA 515.3	
Picloram	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Iron	2.02	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Lead	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Magnesium	30.4	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Manganese	0.0887	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Mercury-lcpms	ND	mg/L	0.0001	5/28/2008	DMB	EPA 200.8	
Nickel	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
NO3/N	7.57	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
NO2/N	ND	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Odor	ND	TON	1	5/21/2008	ETL	EPA 140.1	
Chlordane	ND	ug/L	0.4	6/2/2008	SAT	EPA 505	
Endrin	ND	ug/L	0.02	6/2/2008	SAT	EPA 505	
gamma-BHC (Lindane)	ND	ug/L	0.04	6/2/2008	SAT	EPA 505	
Heptachlor	ND	ug/L	0.08	6/2/2008	SAT	EPA 505	
Heptachlor epoxide	ND	ug/L	0.04	6/2/2008	SAT	EPA 505	
Methoxychlor	ND	ug/L	0.2	6/2/2008	SAT	EPA 505	
PCBs	ND	ug/L	0.5	6/2/2008	SAT	EPA 505	
Toxaphene	ND	ug/L	2	6/2/2008	SAT	EPA 505	
Potassium	10.4	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Selenium	0.00448	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Alachlor	ND	ug/L	0.4	5/29/2008	EMP	EPA 525.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-004 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID U1269
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Atrazine	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Benzo[a]pyrene	ND	ug/L	0.02	5/29/2008	EMP	EPA 525.2	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.6	5/29/2008	EMP	EPA 525.2	
bis-2(ethylhexyl)adipate	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorobenzene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorocyclopentadiene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Simazine	ND	ug/L	0.15	5/29/2008	EMP	EPA 525.2	
Dicamba	ND	ug/L	2	6/4/2008	TGT	EPA 8321A	
MCPA	ND	ug/L	0.1	6/4/2008	TGT	EPA 8321A	
Metsulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Thifensulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Tribenuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
silica (as SiO2)	19.9	mg/L	1	5/29/2008	DMB	EPA 200.8	
Silver	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Sodium	52.5	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
TDS	496	mg/L	10	5/28/2008	DMB	EPA 160.1	
TSS	6.54	mg/L	5	5/28/2008	DMB	EPA 160.2	
Sulfate	76.5	mg/L	0.1	6/3/2008	JTT	EPA 300.0	
MBAS	ND	mg/L	0.05	6/3/2008	JTT	SM5540C	
Thallium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bromodichloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Bromoform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Chloroform	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Dibromochloromethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
Total Trihalomethane	ND	ug/L	0.5	5/22/2008	TGT	EPA 524.2	
TOC	2.43	mg/L	0.1	6/5/2008	SUB	SM5310C	
Turbidity	32.1	NTU	0.1	5/23/2008	DMB	EPA 180.1	
UV Absorbance at 254 nm	0.050	cm-1	0.009	5/29/2008	SUB	SM 5910	
1,1,1-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-004 **Sampling Date** 5/20/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID U1269
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloropropane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Benzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Carbon Tetrachloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
chlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Ethylbenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Methylene chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Styrene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Tetrachloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Toluene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Trichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Vinyl Chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Epichlorohydrin	ND	ug/L	1	5/28/2008	TGT	EPA 8260B	
Zinc	0.00193	mg/L	0.001	5/28/2008	DMB	EPA 200.8	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-005 **Sampling Date** 5/19/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID McNARY POOL
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Alkalinity	41.9	mg/L	1	5/28/2008	DMB	SM2320B	
Aluminum	0.351	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Antimony	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Arsenic	0.00150	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
E. Coli	2	MPN/100mL	2	5/24/2008	WOZ	SM9221F	
Fecal Coliform	2	MPN/100mL	2	5/24/2008	WOZ	SM9221E	
Total Coliform	2	MPN/100mL	2	5/25/2008	WOZ	SM9221B	
Barium	0.0165	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Beryllium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Beta particles/photon emitters	ND	pCi/L	100	6/6/2008	SUB	EPA 901.1	
Bicarbonate	41.9	mg/L	5	5/28/2008	DMB	SM2320B	
BOD	<2	mg/L	2	5/27/2008	EMB	SM5210B	
Cadmium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Calcium	9.35	mg/L	0.1	5/29/2008	DMB	EPA 200.8	
Carbofuran	ND	ug/L	2	5/30/2008	JWC	EPA 531.1	
Oxamyl	ND	ug/L	4	5/30/2008	JWC	EPA 531.1	
Carbonate	ND	mg/L	5	5/28/2008	DMB	SM2320B	
Chloramine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chloride	2.83	mg/L	0.1	5/23/2008	JTT	EPA 300.0	
Chlorine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chromium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Color	ND	color units	5	5/23/2008	DMB	EPA 110.2	
Copper	0.00187	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Corrosivity	-1.38			5/30/2008	ETL	Calculation	
Cyanide	ND	mg/L	0.01	5/29/2008	ETL	EPA 335.4	
Diquat	ND	ug/L	0.8	5/27/2008	JWC	EPA 549.2	
Dissolved Iron	0.0850	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Dissolved Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.04	5/28/2008	SAT	EPA 504.1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.02	5/28/2008	SAT	EPA 504.1	
Endothall	ND	ug/L	10	5/28/2008	EMP	EPA 548.1	
Fluoride	0.179	mg/L	0.1	5/23/2008	JTT	EPA 300.0	
Glyphosate	ND	ug/L	9	5/28/2008	JWC	EPA 547	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-005 **Sampling Date** 5/19/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID McNARY POOL
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Gross Alpha	ND	pCi/L	2.16	5/29/2008	SUB	EPA 900.0	
Gross Beta	ND	pCi/L	3.74	5/29/2008	SUB	EPA 900.0	
Dibromoacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Dichloroacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Monobromoacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Monochloroacetic acid	ND	ug/L	2	5/29/2008	SAT	SM6251B	
Total HAA5	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Trichloroacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Hardness	35.4	mg/L	1	5/29/2008	DMB	EPA 200.8	
2,4,5-TP (Silvex)	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
2,4-D	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dalapon	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dicamba	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dinoseb	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.08	5/27/2008	SAT	EPA 515.3	
Picloram	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Iron	0.420	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Lead	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Magnesium	2.93	mg/L	0.1	5/29/2008	DMB	EPA 200.8	
Manganese	0.0168	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Mercury-lcpms	ND	mg/L	0.0001	5/28/2008	DMB	EPA 200.8	
Nickel	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
NO3/N+NO2/N	0.314	mg/L	0.1	5/23/2008	JTT	EPA 300.0	
Odor	ND	TON	1	5/21/2008	ETL	EPA 140.1	
Chlordane	ND	ug/L	0.4	5/27/2008	SAT	EPA 505	
Endrin	ND	ug/L	0.02	5/27/2008	SAT	EPA 505	
gamma-BHC (Lindane)	ND	ug/L	0.04	5/27/2008	SAT	EPA 505	
Heptachlor	ND	ug/L	0.08	5/27/2008	SAT	EPA 505	
Heptachlor epoxide	ND	ug/L	0.04	5/27/2008	SAT	EPA 505	
Methoxychlor	ND	ug/L	0.2	5/27/2008	SAT	EPA 505	
PCBs	ND	ug/L	0.5	5/27/2008	SAT	EPA 505	
Toxaphene	ND	ug/L	2	5/27/2008	SAT	EPA 505	
Potassium	1.21	mg/L	0.1	5/29/2008	DMB	EPA 200.8	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-005 **Sampling Date** 5/19/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID McNARY POOL
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Radium 226	ND	pCi/L	0.88	5/31/2008	SUB	EPA 903.0	
Radium 228	ND	pCi/L	0.1	5/31/2008	SUB	EPA 904.0	
Selenium	0.00128	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Alachlor	ND	ug/L	0.4	5/29/2008	EMP	EPA 525.2	
Atrazine	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Benzo[a]pyrene	ND	ug/L	0.02	5/29/2008	EMP	EPA 525.2	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.6	5/29/2008	EMP	EPA 525.2	
bis-2(ethylhexyl)adipate	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorobenzene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorocyclopentadiene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Simazine	ND	ug/L	0.15	5/29/2008	EMP	EPA 525.2	
silica (as SiO2)	7.01	mg/L	1	5/29/2008	DMB	EPA 200.8	
Silver	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Sodium	5.56	mg/L	0.1	5/29/2008	DMB	EPA 200.8	
TDS	80	mg/L	10	5/28/2008	DMB	EPA 160.1	
TSS	8.61	mg/L	5	5/28/2008	DMB	EPA 160.2	
Sulfate	8.17	mg/L	0.1	5/23/2008	JTT	EPA 300.0	
MBAS	ND	mg/L	0.05	6/3/2008	JTT	SM5540C	
Thallium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bromodichloromethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Bromoform	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Chloroform	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Dibromochloromethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Total Trihalomethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
TOC	2.55	mg/L	0.1	6/5/2008	SUB	SM5310C	
Turbidity	7.31	NTU	0.1	5/28/2008	DMB	EPA 180.1	
Uranium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
UV Absorbance at 254 nm	0.023	cm-1	0.009	5/29/2008	SUB	SM 5910	
1,1,1-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-005 **Sampling Date** 5/19/2008 **Date/Time Received** 5/21/2008 11:00 AM
Client Sample ID McNARY POOL
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloropropane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Benzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Carbon Tetrachloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
chlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Ethylbenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Methylene chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Styrene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Tetrachloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Toluene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Trichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Vinyl Chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Epichlorohydrin	ND	ug/L	1	5/28/2008	TGT	EPA 8260B	
Zinc	0.00427	mg/L	0.001	5/28/2008	DMB	EPA 200.8	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-006 **Sampling Date** 5/21/2008 **Date/Time Received** 5/22/2008 11:00 AM
Client Sample ID CLWID WELL 1
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Alkalinity	70.4	mg/L	1	5/23/2008	DMB	SM2320B	
Aluminum	ND	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Antimony	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Arsenic	0.00352	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
E. Coli	<2	MPN/100mL	2	5/24/2008	WOZ	SM9221F	
Fecal Coliform	<2	MPN/100mL	2	5/24/2008	WOZ	SM9221E	
Total Coliform	<2	MPN/100mL	2	5/25/2008	WOZ	SM9221B	
Barium	0.0111	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Beryllium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bicarbonate	70.4	mg/L	5	5/23/2008	DMB	SM2320B	
BOD	<2	mg/L	2	5/27/2008	EMB	SM5210B	
Cadmium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Calcium	18.6	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Carbofuran	ND	ug/L	2	5/30/2008	JWC	EPA 531.1	
Oxamyl	ND	ug/L	4	5/30/2008	JWC	EPA 531.1	
Carbonate	ND	mg/L	5	5/23/2008	DMB	SM2320B	
Chloramine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chloride	1.95	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Chlorine	ND	mg/L	0.05	5/27/2008	ETL	SM4500CLG	
Chromium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Color	5	color units	5	5/23/2008	DMB	EPA 110.2	
Copper	0.00106	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Corrosivity	-0.279			5/30/2008	ETL	Calculation	
Cyanide	ND	mg/L	0.01	5/29/2008	ETL	EPA 335.4	
Diquat	ND	ug/L	0.8	5/27/2008	JWC	EPA 549.2	
Dissolved Iron	0.0704	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Dissolved Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.04	5/29/2008	SAT	EPA 504.1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.02	5/29/2008	SAT	EPA 504.1	
Endothall	ND	ug/L	10	5/28/2008	EMP	EPA 548.1	
Fluoride	0.220	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Glyphosate	ND	ug/L	9	5/28/2008	JWC	EPA 547	
Dibromoacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-006 **Sampling Date** 5/21/2008 **Date/Time Received** 5/22/2008 11:00 AM
Client Sample ID CLWID WELL 1
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Dichloroacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Monobromoacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Monochloroacetic acid	ND	ug/L	2	5/29/2008	SAT	SM6251B	
Total HAA5	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Trichloroacetic acid	ND	ug/L	1	5/29/2008	SAT	SM6251B	
Hardness	68.6	mg/L	1	5/23/2008	DMB	EPA 200.8	
2,4,5-TP (Silvex)	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
2,4-D	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dalapon	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dicamba	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Dinoseb	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Pentachlorophenol	ND	ug/L	0.08	5/27/2008	SAT	EPA 515.3	
Picloram	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Iron	0.0907	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Lead	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Magnesium	5.36	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Manganese	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Mercury-Icpms	ND	mg/L	0.0001	5/28/2008	DMB	EPA 200.8	
Nickel	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
NO3/N	0.314	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
NO2/N	ND	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Odor	ND	TON	1	5/21/2008	ETL	EPA 140.1	
Chlordane	ND	ug/L	0.4	5/27/2008	SAT	EPA 505	
Endrin	ND	ug/L	0.02	5/27/2008	SAT	EPA 505	
gamma-BHC (Lindane)	ND	ug/L	0.04	5/27/2008	SAT	EPA 505	
Heptachlor	ND	ug/L	0.08	5/27/2008	SAT	EPA 505	
Heptachlor epoxide	ND	ug/L	0.04	5/27/2008	SAT	EPA 505	
Methoxychlor	ND	ug/L	0.2	5/27/2008	SAT	EPA 505	
PCBs	ND	ug/L	0.5	5/27/2008	SAT	EPA 505	
Toxaphene	ND	ug/L	2	5/27/2008	SAT	EPA 505	
Potassium	2.00	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Selenium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Alachlor	ND	ug/L	0.4	5/29/2008	EMP	EPA 525.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-006 **Sampling Date** 5/21/2008 **Date/Time Received** 5/22/2008 11:00 AM
Client Sample ID CLWID WELL 1
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Atrazine	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Benzo[a]pyrene	ND	ug/L	0.02	5/29/2008	EMP	EPA 525.2	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.6	5/29/2008	EMP	EPA 525.2	
bis-2(ethylhexyl)adipate	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorobenzene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Hexachlorocyclopentadiene	ND	ug/L	0.2	5/29/2008	EMP	EPA 525.2	
Simazine	ND	ug/L	0.15	5/29/2008	EMP	EPA 525.2	
silica (as SiO2)	16.0	mg/L	1	5/29/2008	DMB	EPA 200.8	
Silver	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Sodium	6.64	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
TDS	98.0	mg/L	10	5/28/2008	DMB	EPA 160.1	
TSS	ND	mg/L	5	5/28/2008	DMB	EPA 160.2	
Sulfate	2.56	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
MBAS	ND	mg/L	0.05	6/3/2008	JTT	SM5540C	
Thallium	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
Bromodichloromethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Bromoform	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Chloroform	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Dibromochloromethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Total Trihalomethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
TOC	1.82	mg/L	0.1	6/5/2008	SUB	SM5310C	
Turbidity	0.33	NTU	0.1	5/23/2008	DMB	EPA 180.1	
UV Absorbance at 254 nm	0.028	cm-1	0.009	5/29/2008	SUB	SM 5910	
1,1,1-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1,2-Trichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,1-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloroethane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,2-Dichloropropane	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
1,4-Dichlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Benzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Carbon Tetrachloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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Client: IRZ CONSULTING LLC
Address: 505 MAIN STREET
HERMISTON, OR 97383
Attn: SAID AMALI

Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-006 **Sampling Date** 5/21/2008 **Date/Time Received** 5/22/2008 11:00 AM
Client Sample ID CLWID WELL 1
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
chlorobenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
cis-1,2-dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Ethylbenzene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Methylene chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Styrene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Tetrachloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Toluene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
trans-1,2-Dichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Trichloroethene	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Vinyl Chloride	ND	ug/L	0.5	5/28/2008	TGT	EPA 524.2	
Epichlorohydrin	ND	ug/L	1	5/28/2008	TGT	EPA 8260B	
Zinc	ND	mg/L	0.001	5/28/2008	DMB	EPA 200.8	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number 080521020-007 **Sampling Date** 5/20/2008 **Date/Time Received** 5/23/2008 11:00 AM
Client Sample ID WELL JSPW1
Matrix: Drinking Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Total Coliform	30	MPN/100mL	2	5/25/2008	WOZ	SM9221B	
Bicarbonate	112	mg/L	5	5/28/2008	DMB	SM2320B	
BOD	<2	mg/L	2	5/27/2008	EMB	SM5210B	
Calcium	33.8	mg/L	0.1	5/29/2008	DMB	EPA 200.8	
Carbonate	ND	mg/L	5	5/28/2008	DMB	SM2320B	
Chloride	13.5	mg/L	0.1	5/23/2008	JTT	EPA 300.0	
2,4-D	ND	ug/L	0.1	5/27/2008	SAT	EPA 515.3	
Magnesium	14.1	mg/L	0.1	5/29/2008	DMB	EPA 200.8	
NO3/N+NO2/N	4.14	mg/L	0.1	5/23/2008	JTT	EPA 300.0	
Potassium	8.34	mg/L	0.1	5/29/2008	DMB	EPA 200.8	
Dicamba	ND	ug/L	2	6/4/2008	TGT	EPA 8321A	
MCPA	ND	ug/L	0.1	6/4/2008	TGT	EPA 8321A	
Metsulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Thifensulfuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Tribenuron methyl	ND	ug/L	0.08	6/4/2008	TGT	EPA 8321A	
Sodium	13.7	mg/L	0.1	5/29/2008	DMB	EPA 200.8	
Sulfate	18.1	mg/L	0.1	5/23/2008	JTT	EPA 300.0	

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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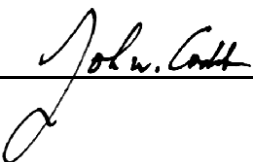
Batch #: 080521020
Project Name: UMATILLA RECHARGE
PROJECT

Analytical Results Report

Sample Number	080521020-008	Sampling Date	5/21/2008	Date/Time Received	5/22/2008 11:00 AM
Client Sample ID	CLWID-B LINE				
Matrix:	Drinking Water				

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bicarbonate	7.34	mg/L	5	5/23/2008	DMB	SM2320B	
Calcium	4.22	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Carbonate	ND	mg/L	5	5/23/2008	DMB	SM2320B	
Chloride	0.670	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Color	15	color units	5	5/23/2008	DMB	EPA 110.2	
Dissolved Iron	0.120	mg/L	0.01	5/30/2008	DMB	EPA 200.8	
Dissolved Manganese	0.00131	mg/L	0.001	5/30/2008	DMB	EPA 200.8	
Hardness	16.9	mg/L	1	5/23/2008	DMB	EPA 200.8	
Iron	0.593	mg/L	0.01	5/28/2008	DMB	EPA 200.8	
Magnesium	1.53	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Manganese	0.00705	mg/L	0.001	5/28/2008	DMB	EPA 200.8	
NO3/N	ND	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Potassium	1.44	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
Sodium	2.86	mg/L	0.1	5/23/2008	DMB	EPA 200.8	
TDS	45	mg/L	10	5/28/2008	DMB	EPA 160.1	
Sulfate	0.874	mg/L	0.1	5/22/2008	JTT	EPA 300.0	
Turbidity	20.1	NTU	0.1	5/23/2008	DMB	EPA 180.1	
UV Absorbance at 254 nm	0.032	cm-1	0.009	5/29/2008	SUB	SM 5910	

Authorized Signature



MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Comments: UV 254 PERFORMED BY MWH, MONROVIA CA. TOC PERFORMED BY NEILSON RESEARCH, MEDFORD OR. RAD ANALYSIS PERFORMED BY BENCHMARK ANALYTIC, SAUCON PA

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