Arizona Department Of Environmental Quality

Drinking Water Source Approval Form

Samples To Be Taken At Source Only

_____ System ID#

_____ System Name

_9/26/06_____ Sample Date

11:00_____ (24 Hr clock) Sample Time

_____ ADEQ Project Number

55-_210454 _____ Well ID Number

New System **YES**____ **NO**____

New POE **YES**____ **NO**____

_____ Surface Water Intake ID Number

Michael Ploughe_____ Owner/Contact Person Name

928-468-0252_____ Owner/Contact Person Phone Number

Sample Type

Sample Collection Point/ID

Compliance Monitoring

Point of Entry# _____

This form is to be filled out completely, and all pages are to be submitted together. If more than one laboratory participated in the analyses, please attach a copy of the original laboratory report, signed by the performing laboratory, to the back of this form.

All Results Shall Be Reported In Milligrams Per Liter (mg/L) Unless Otherwise Specified.

Please note:

The Arsenic MCL is currently .05 mg/L. However, on Jan. 23, 2006, the Arsenic MCL will be .01 mg/L.

There currently is no MCL for Uranium. However, on Dec. 8, 2003 the Uranium MCL will be .03 mg/L.

Please Mail This Completed Form To:

Arizona Department Of Environmental Quality
Technical Review Unit
Drinking Water Section (5415b-2)
1110 W Washington St,
Phoenix, AZ 85007

Inorganic Chemical Analysis

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analysis Run Date	Result	Exceeds MCL	Exceeds Reporting Limit
200.8	0.05	0.05	Arsenic	1005	9/28/06	<0.0030	☐	☐
200.7	2	2	Barium	1010	10/7/06	0.060	☐	☐
200.8	0.005	0.005	Cadmium	1015	9/28/06	<0.0020	☐	☐
200.8	0.1	0.1	Chromium	1020	9/28/06	<0.0050	☐	☐
200.8	1.3*	0.050	Copper	1022	9/28/06	<0.0020	☐	☐
300.0	4.0	2.0	Fluoride	1025	10/4/06	<0.50	☐	☐
200.8	0.015*	0.0025	Lead	1030	9/28/06	<0.0020	☐	☐
245.1	0.002	0.002	Mercury	1035	9/27/06	<0.0002	☐	☐
353.2	10	5	Nitrate (as N)	1040	10/3/06	1.3	☐	☐
SM4500	1	0.5	Nitrite	1041	9/26/06	<0.020	☐	☐
200.8	0.05	0.05	Selenium	1045	9/28/06	<0.0020	☐	☐
200.8	0.006	0.006	Antimony	1074	9/28/06	<0.0020	☐	☐
200.7	0.004	0.004	Beryllium	1075	10/7/06	<0.0010	☐	☐
SM4500G	0.2	0.2	Cyanide (as free	1024	10/4/06	<0.010	☐	☐
200.8	0.1	0.1	Nickel	1036	9/28/06	<0.0020	☐	☐
200.8	0.002	0.002	Thallium	1085	9/28/06	<0.0005	☐	☐

*Action Level

Laboratory Information

Specimen Number: 0609474-01 Sample Date: 9/26/06 Sample Time: 11:00
Lab ID Number: AZ0133 Name: Transwest Geochem, Inc.
Comments:
Authorized Signature:

Physical Analysis

Analysis Method	Contaminant Name	Cont. Code	Analysis Run Date	Result
300.0	Sulfate	1055	10/4/06	7.9
200.7	Sodium	1052	10/7/06	3.1
Field	pH	1925	9/26/06	7.2
SM2320B	Alkalinity	1927	10/10/06	160
200.7	Hardness/Calcium	1918	10/7/06	160
CALC	Langelier Index	1997	10/12/06	-0.51
Field	Temperature (°C)	1996	9/26/06	14.4
160.1	Total Dissolved Solids-TDS	1930	10/2/06	230

Laboratory Information

Specimen Number: 0609474-01 Sample Date: 9/26/06 Sample Time: 11:00
Lab ID Number: AZ0133 Name: Transwest Geochem
Comments:
Authorized Signature:

Synthetic Organic Chemical Analysis

Analysis	MCL	Reporting	Contaminant	Cont.	Analysis	Result	Exceeds	Exceeds
515.3	0.07	0.0001	2,4-D	2105	10/3/06	<0.0001	☐	☐
515.3	0.05	0.0002	2,4,5-TP (Silvex)	2110	10/3/06	<0.0002	☐	☐
525.2	0.002	0.0002	Alachlor	2051	9/30/06	<0.0002	☐	☐
505	0.003	0.001	Toxaphene	2020	9/29/06	<0.001	☐	☐
525.2	0.003	0.0001	Atrazine	2050	9/30/06	<0.0001	☐	☐
531.1	0.04	0.0009	Carbofuran	2046	9/29/06	<0.0009	☐	☐
515.3	0.001	0.00004	Pentachlorophenol	2326	10/3/06	<0.00004	☐	☐
505	0.002	0.0002	Chlordane	2959	9/29/06	<0.0002	☐	☐
504.1	0.0002	0.00002	Dibromochloropropane(DBCP)	2931	9/29/06	<0.00002	☐	☐
504.1	0.00005	0.00001	Ethylene Dibromide (EDB)	2946	9/29/06	<0.00001	☐	☐
525.2	0.0004	0.00004	Heptachlor	2065	9/30/06	<0.00004	☐	☐
525.2	0.0002	0.00002	Heptachlor Epoxide	2067	9/30/06	<0.00002	☐	☐
525.2	0.0002	0.00002	Lindane	2010	9/30/06	<0.00002	☐	☐
525.2	0.04	0.0001	Methoxychlor	2015	9/30/06	<0.0001	☐	☐
	0.0005	0.0001	PCB (Polychlorinated Biohenyls)	2383			☐	☐
525.2	0.0002	0.00002	Benzo(a)Pyrene	2306	9/30/06	<0.00002	☐	☐
515.3	0.2	0.001	Dalapon	2031	10/3/06	<0.001	☐	☐
525.2	0.006	0.0006	Di(2-ethylhexyl)phthalate	2039	9/30/06	<0.0006	☐	☐
525.2	0.4	0.0006	Di(2-ethylhexyl)adipate	2035	9/30/06	<0.0006	☐	☐
515.3	0.007	0.0002	Dinoseb	2041	10/3/06	<0.0002	☐	☐
1613B	$3x10^{-8}$	$5x10^{-9}$	2,3,7,8-TCDD (Dioxin)	2063	10/4/06	<4.3X10-9	☐	☐
549.2	0.02	0.0004	Diquat	2032	9/28/06	<0.0004	☐	☐
548.1	0.1	0.0009	Endothall	2033	10/3/06	<0.009	☐	☐
525.2	0.002	0.00001	Endrin	2005	9/30/06	<0.00001	☐	☐
547	0.7	0.006	Glyphosate	2034	9/29/06	<0.006	☐	☐
525.2	0.001	0.0001	Hexachlorobenzene	2274	9/30/06	<0.0001	☐	☐
525.2	0.05	0.0001	Hexachlorocyclopentadiene	2042	9/30/06	<0.0001	☐	☐
531.1	0.2	0.002	Oxamyl	2036	9/29/06	<0.002	☐	☐
515.3	0.5	0.0001	Picloram	2040	10/3/06	<0.0001	☐	☐
525.2	0.004	0.0007	Simazine	2037	9/30/06	<0.00007	☐	☐

*Aroclor results may be submitted in lieu of PCB

Laboratory Information

Specimen Number: 1510383/423-72-1A Sample Date: 9/26/06 Sample Time 11:00
Lab ID Number: AZ0432/AZ0423 Name: UL/ Eno River Labs
Comments: Transwest #0609474-01
Authorized Signature:

Aroclor (PCB Screening Test)

Analysis	Reporting	Contaminant	Cont.	Analysis	Result	Exceeds
505	0.00008	Aroclor 1016	2388	9/29/06	<0.00008	☐
505	0.02	Aroclor 1221	2390	9/29/06	<0.02	☐
505	0.0005	Aroclor 1232	2392	9/29/06	<0.0005	☐
505	0.0003	Aroclor 1242	2394	9/29/06	<0.0003	☐
505	0.0001	Aroclor 1248	2396	9/29/06	<0.0001	☐
505	0.0001	Aroclor 1254	2398	9/29/06	<0.0001	☐
505	0.0002	Aroclor 1260	2400	9/29/06	<0.0002	☐

Laboratory Information

Specimen Number: 1510384 Sample Date: 9/26/06 Sample Time: 11:00
Lab ID Number: AZ0432 Name: Underwriters Laboratories
Comments: Transwest #0609474-01
Authorized Signature:

Volatile Organic Chemical Analysis

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analysis Run Date	Result	Exceeds MCL	Exceeds Reporting Limit
524.2	0.007	0.0005	1,1-Dichloroethene	2977	10/8/06	<0.0005	☐	☐
524.2	0.2	0.0005	1,1,1-Trichlorethane	2981	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	1,1,2-Trichloroethane	2985	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	1,2-Dichloroethane	2980	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	1,2-Dichloropropane	2983	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	Benzene	2990	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	Carbon Tetrachloride	2982	10/8/06	<0.0005	☐	☐
524.2	0.07	0.0005	cis-1,2 Dichloroethylene	2380	10/8/06	<0.0005	☐	☐
524.2	0.7	0.0005	Ethylbenzene	2992	10/8/06	<0.0005	☐	☐
524.2	0.1	0.0005	(mono) Chlorobenzene	2989	10/8/06	<0.0005	☐	☐
524.2	0.6	0.0005	o-Dichlorobenzene	2968	10/8/06	<0.0005	☐	☐
524.2	0.075	0.0005	para-Dichlorobenzene	2969	10/8/06	<0.0005	☐	☐
524.2	0.1	0.0005	Styrene	2996	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	Tetrachloroethylene	2987	10/8/06	<0.0005	☐	☐
524.2	1	0.0005	Toluene	2991	10/8/06	<0.0005	☐	☐
524.2	0.1	0.0005	Trans-1,2-Dichloroethylene	2979	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	Trichloroethene	2984	10/8/06	<0.0005	☐	☐
524.2	0.002	0.0005	Vinyl Chloride	2976	10/8/06	<0.0005	☐	☐
524.2	10	0.0015	Xylenes, Total	2955	10/8/06	<0.0015	☐	☐
524.2	0.07	0.0005	1,2,4-Trichlorobenzene	2378	10/8/06	<0.0005	☐	☐
524.2	0.005	0.0005	Dichloromethane	2964	10/8/06	<0.0005	☐	☐

Laboratory Information

Specimen Number: 0610364-01A Sample Date: 9/26/06 Sample Time: 11:00
Lab ID Number: AZ0066 Name: Turner Laboratories
Comments: Transwest #0609474-01
Authorized Signature:

Radiochemical Analysis

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analysis Run Date	Result	Exceeds MCL	Exceeds Reporting Limit
600/00-02	15 pCi.L		Adjusted Gross Alpha	4000			☐	
600/00-02		3 pCi/L	Gross Alpha	4002	10/2/06	0.9+/-0.4		☐
	30ppb	(reserved)	Combined Uranium	4006			☐	☐
			Uranium 234	4007				
			Uranium 235	4008				
			Uranium 238	4009				
	5 pCi/L	1 pCi/L	Combined Radium	4010			☐	☐
		1 pCi/L	Radium 226	4020				☐
		1 pCi/L	Radium 228	4030				
	4 mrem	3 pCi/L	Gross Beta	4100			☐	☐
	20,000 pCi/L	1,000 pCi/L	Tritium	4102			☐	☐
		10 pCi/L	Strontium-89	4172				☐
	8 pCi/L	2 pCi/L	Strontium-90	4174			☐	☐
		1 pCi/L	Iodine-131	4264				☐
		10 pCi/L	Cesium-134_	4270				☐

Laboratory Information

Specimen Number: 28682 Sample Date: 9/26/06 Sample Time: 11:00
Lab ID Number: AZ0462 Name: Radiation Safety
Comments: Transwest #0609474-01
Authorized Signature:

Date Public Water System Notified:

Asbestos Analysis

Analysis Method	MCL	Contaminant Name	Cont. Code	Analysis Run Date	Result	Exceeds MCL
E100.1	7 MFL	Asbestos	1094	10/2/06	<0.2	☐

Laboratory Information

Specimen Number: 2006-07091-1 Sample Date: 9/26/06 Sample Time: 11:00
Lab ID Number: AZ0633 Name: Fiberquant
Comments:
Authorized Signature:

Date Public Water System Notified:

MICROBIOLOGICAL ANALYSIS

Analysis Method	MCL	Contaminant Name	Cont. Code	Test Start Date/Time	Analysis Run Date/Time	Result
9223B	Present 1 or More Coliform	Total Coliform	3000	9/26/06 16:39	09/27/06 16:39	0

ONLY REPORT FECAL RESULT IF TOTAL COLIFORM RESULT IS POSITIVE

Analysis Method	MCL	Contaminant Name	Cont. Code	Test Start Date/Time	Analysis Run Date/Time	Result
	Present 1 or More Coliform	Total Coliform	3013			

LABORATORY INFORMATION
>>>To be filled out by laboratory personnel<<<

Specimen Number: PPI0826-01 Sample Date: 9/26/06 Sample Time: 11:00
Lab ID Number: AZ0426 Name: Test America - Phoenix
Comments: Transwest #0609474-01
Authorized Signature:

Date Public Water System Notified:
Dwar9: Revised 2003

INSTRUCTIONS FOR USING THE ARIZONA DRINKING WATER SOURCE APPROVAL REPORTING FORM

Revised 2003

SYSTEM ID: This is a unique 5 digit Public Water System Identification (PWSID) number assigned to each public water system by ADEQ.

SYSTEM NAME: Should be in the legal name which the water system will be known as when the system is built. Always notify the Department in writing of any name or ownership change.

ADEQ PROJECT NUMBER: This is the number assigned by ADEQ when the project is first submitted for an "Approval to Construct".

NEW SYSTEM: If this is a new system and a system in number has not yet been assigned by ADEQ, then mark "YES", and be sure that the project number is filled in.

NEW POE: If this source represents a new point of entry (POE) for your system, then mark "YES" on the form. This will allow ADEQ to assign a new point of entry number and the appropriate monitoring year for this point of entry.

WELL ID NUMBER: The Department of Water Resources' registration number goes here. This number always begins with a 55-. If the new source does not constitute a new point of entry, fill in the existing point of entry number that this source is joining.

SURFACE WATER INTAKE ID NUMBER: This number must be assigned by ADEQ. If the new source does not constitute a new point of entry, fill in the existing point of entry number that this source is joining.

SAMPLE DATE: The date the specimen was collected in mm/dd/yy format.

SAMPLE TIME: The time the specimen was collected in hh:mm format (24 hr clock time).

OWNER/CONTACT PERSON NAME: The first and last name of the owner or owner's representative, (contact person) who should be contacted with sample results.

OWNER/CONTACT PHONE#: The daytime phone number of the owner's representative, (contact person) who should be contacted with sample results.

SAMPLE TYPE: The compliance reason for specimen collection. Only the relevant sample types for each contaminant group are provided on the ADEQ forms.

SPECIMEN NUMBER: A unique 15 character (max) alphanumeric code that identifies a particular sample used to test one contaminant or one category of contaminants. If reporting on different reporting forms, a different (unique) number is required for each contaminant group and for each report.

NOTE: These definitions are general in nature. For specific questions regarding your laboratory submittal, please contact the Arizona Department of Environmental Quality (ADEQ) **Water Quality Compliance Section at 1-800-234-5677, ext. 4624, or 602-771-4624. www.adeq.state.az.us**