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## VOLATILE ORGANIC COMPOUNDS (VOC) REPORT

Client Name: Skagit PUD NO. 1  
 P O Box 1436  
 Mount Vernon, WA 98273

Reference Number: 08-08422

Project: Compliance

System Name: SKAGIT COUNTY PUD #1 - JUDY RES  
 System ID Number: 79500E  
 DOH Source Number: 01  
 Multiple Sources:  
 Sample Type: A - After treatment  
 Sample Purpose: C - Compliance  
 Sample Location: Judy Res. Pumpstation  
 County: Skagit  
 Sampled By: Darlene  
 Sampler Phone: 424-7104

Field ID: S01  
 Lab Number: 04618040  
 Date Collected: 6/23/2008  
 Date Extracted: 524\_080625  
 Date Analyzed: 6/25/2008  
 Report Date: 6/30/2008  
 Analyst: HY  
 Peer Review:

### EPA Method 524.2 For State Drinking Water Compliance

DOH#	COMPOUNDS	RESULTS	Units	SRL	Trigger	MCL	COMMENT
<b>EPA/State Regulated</b>							
45	VINYL CHLORIDE	ND	ug/L	0.5	0.5	2	
46	1,1 - DICHLOROETHYLENE	ND	ug/L	0.5	0.5	7	
47	1,1,1 - TRICHLOROETHANE	ND	ug/L	0.5	0.5	200	
48	CARBON TETRACHLORIDE	ND	ug/L	0.5	0.5	5	
49	BENZENE	ND	ug/L	0.5	0.5	5	
50	1,2 - DICHLOROETHANE	ND	ug/L	0.5	0.5	5	
51	TRICHLOROETHYLENE	ND	ug/L	0.5	0.5	5	
52	P - DICHLOROBENZENE	ND	ug/L	0.5	0.5	75	
56	METHYLENE CHLORIDE	ND	ug/L	0.5	0.5	5	
57	T - 1,2 - DICHLOROETHYLENE	ND	ug/L	0.5	0.5	100	
60	CIS - 1,2 - DICHLOROETHYLENE	ND	ug/L	0.5	0.5	70	
63	1,2 - DICHLOROPROPANE	ND	ug/L	0.5	0.5	5	
66	TOLUENE	ND	ug/L	0.5	0.5	1000	
67	1,1,2 - TRICHLOROETHANE	ND	ug/L	0.5	0.5	5	
68	TETRACHLOROETHYLENE	ND	ug/L	0.5	0.5	5	
71	CHLOROBENZENE	ND	ug/L	0.5	0.5	100	
73	ETHYLBENZENE	ND	ug/L	0.5	0.5	700	
74	M/P - XYLENE	ND	ug/L	0.5	0.5		
75	O - XYLENE	ND	ug/L	0.5	0.5		
76	STYRENE	ND	ug/L	0.5	0.5	100	
84	O - DICHLOROBENZENE	ND	ug/L	0.5	0.5	600	
95	1,2,4, - TRICHLOROBENZENE	ND	ug/L	0.5	0.5	70	
102	ETHYLENE DIBROMIDE (EDB)	ND	ug/L	0.02	0.02	0.05	Screening Only / PQL 0.5 ug/L
103	1,2-DIBROMO-3-CHLOROPROPANE	ND	ug/L	0.04	0.04	0.2	Screening Only / PQL 0.5 ug/L
160	TOTAL XYLENES	ND	ug/L	0.5	0.5	10000	
<b>EPA/State Unregulated</b>							

A Result of "ND" indicates that the compound was not detected above the Lab's Method Detection Limit - MDL.

Maximum Contaminant Level, maximum permissible level of a contaminant in water established by EPA, NPDRW. State Advisory Level (SAL) for Unregulated compounds.

A blank MCL or SAL value indicates a level is not currently established.

If a compound is detected > or = to the State Reporting Level, SRL, specified increased monitoring frequencies may occur per DOH.

Method Detection Limit is the lab's minimum concentration a compound can be measured and reported with 99% confidence that the compound concentration is greater than zero.

J - Estimated value.

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DOH#	COMPOUNDS	RESULTS	Units	SRL	Trigger	MCL	COMMENT
53	CHLOROMETHANE	ND	ug/L	0.5	0.5		
54	BROMOMETHANE	ND	ug/L	0.5	0.5		
55	CHLOROETHANE	ND	ug/L	0.5	0.5		
58	1,1 - DICHLOROETHANE	ND	ug/L	0.5	0.5		
59	2,2 - DICHLOROPROPANE	ND	ug/L	0.5	0.5		
62	1,1 - DICHLOROPROPENE	ND	ug/L	0.5	0.5		
64	DIBROMOMETHANE	ND	ug/L	0.5	0.5		
65	CIS - 1,3 - DICHLOROPROPENE	ND	ug/L	0.5	0.5		
69	TRANS- 1,3 - DICHLOROPROPENE	ND	ug/L	0.5	0.5		
70	1,3 - DICHLOROPROPANE	ND	ug/L	0.5	0.5		
72	1,1,1,2 - TETRACHLOROETHANE	ND	ug/L	0.5	0.5		
78	BROMOBENZENE	ND	ug/L	0.5	0.5		
79	1,2,3 - TRICHLOROPROPANE	ND	ug/L	0.5	0.5		
80	1,1,2,2 - TETRACHLOROETHANE	ND	ug/L	0.5	0.5		
81	O - CHLOROTOLUENE	ND	ug/L	0.5	0.5		
82	P - CHLOROTOLUENE	ND	ug/L	0.5	0.5		
83	M - DICHLOROBENZENE	ND	ug/L	0.5	0.5		
85	TRICHLOROFLUOROMETHANE	ND	ug/L	0.5	0.5		
86	BROMOCHLOROMETHANE	ND	ug/L	0.5	0.5		
87	ISOPROPYLBENZENE	ND	ug/L	0.5	0.5		
88	N - PROPYLBENZENE	ND	ug/L	0.5	0.5		
89	1,3,5 - TRIMETHYLBENZENE	ND	ug/L	0.5	0.5		
90	TERT - BUTYLBENZENE	ND	ug/L	0.5	0.5		
91	1,2,4 - TRIMETHYLBENZENE	ND	ug/L	0.5	0.5		
92	SEC - BUTYLBENZENE	ND	ug/L	0.5	0.5		
93	P - ISOPROPYLTOLUENE	ND	ug/L	0.5	0.5		
94	N - BUTYLBENZENE	ND	ug/L	0.5	0.5		
96	NAPHTHALENE	ND	ug/L	0.5	0.5		
97	HEXACHLOROBUTADIENE	ND	ug/L	0.5	0.5		
98	1,2,3 - TRICHLOROBENZENE	ND	ug/L	0.5	0.5		
104	DICHLORODIFLUOROMETHANE	ND	ug/L	0.5	0.5		
<b>EPA Regulated - Under Trihalomethanes Program</b>							
27	CHLOROFORM	32.3	ug/L				
28	BROMODICHLOROMETHANE	1.8	ug/L				
29	CHLORODIBROMOMETHANE	ND	ug/L				
30	BROMOFORM	ND	ug/L				
31	TOTAL TRIHALOMETHANE	34.1	ug/L	60	60	80	
<b>State Unregulated - Other</b>							
0	METHYL TERT-BUTYL ETHER	ND	ug/L				

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