9.22.07 WA 2-4 Sealant Project 4 ! 39

Sampling 9.16.07 & 9.17.07

Sample	ID	Vial #	TOC File #	
Rain H2O	4913	15	519	9.16.09 Sampling
"	DW	16	520	
Shield	4893	17	521	
	4894	18	522	
	4895	19	523	
	4895 sk	20	524	
Unsealed	4883	21	525	
"	4884	22	526	
Drive Maxx	4903	23	527	
	4904	24	528	
	4905	25	529	
LCS x5		26	530	
Blank		27	531	
Shield	4925	28	532	9.17.09 Sampling
	4926	29	533	
	4927	30	534	
	" sk	31	535	
Unsealed	4997	32	536	
	4998	33	537	
	DW	34	538	
Drive Maxx	4935	35	539	
	4936	36	540	
	4937	37	541	
LCS x5		38	542	
LCS x5		39	543	
LCS x10		40	544	
Blank		41	545	
LCS x10		42	546	sk = 5 ppm
Blank		43	547	
Blank		1	548	
LCS x10		2	549	
Shield	4893 x10	3	550	
	4894 x10	4	551	
	4895 x10	5	552	
	4895 x10 sk	6	553	
Unsealed	4883 x10	7		
	4884 x10	8		
Drive Maxx	4903 x10	9		
	4904 x10	10		
	4905 x10	11		
LCS x5		12		
LCS x5		13		

High concentration see 10x dilution

Bk - 14, 15

16. LCS x10 563

40
9-23-09

TOC WA 2-4 9.23.09
Continue. Sampling 4P

		Vial #
Blank		1
LCS x5		2
Shield	4963	3
	4964	4
	4965	5
	4965 Sk	6
Unsealed ~~Shield~~	4954	7
Unsealed	4955	8
Drive-max	4973	9
	4974	10
	4975	11
DW	4975	12
LCS x5		13
LCS x5		14
Blank		15
0.0	TC	16
0.5		17
1.0		18
2.0		19
5.0		20
10.0		21
20.0		22
25.0		23
30.0		24
0.0	TIC	25
0.5		26
1.0		27
2.0		28
5.0		29
10.0		30
20.0		31
25.0		32
Blank		33
LCS x10		34
LCS x10		35
Blank		1
Cutout	4982	2 — Blank Error
	4983	3
~~W LCS x5~~	4983	4 Cutout - 4983
~~W Cutout~~	4982	5

TOC ID
564
565

Sk .5 ppm

568
569, 600 Blank

601
602
603

10-2-09 TOC Region WA 2-6 Sampling 9-9-09 4 of 41

		Vial #		TOC #
Blank		1		604
0.0	TC	2		605
0.5		3		606
1.0		4		607
2.0		5		608
5.0		6		609
10.0		7	see return	610
20.0		8		611
25.0		9		612
30.0		10		613
0.0	TIC	11		614
0.5		12		615
1.0		13		616
2.0		14		617
5.0		15	see return.	618
10.0		16		619
20.0		17		620
25.0		18		621
TC 10PPM		19		
TIC 5 PPM		20		
Blank		21		
LCS x 5		22		
47B 4721 x 2		23		
47B 4722 x 2		24		
LCS x 5		25		628
LCS x 5		26		629
Blank		27		630
LCS x 1		28		631
47B 4727		29		632
47B 4728		30		633
47B 4728 Sh		31		634
47B 4722 x 2 Sh		32		635
Blank		33		636
LCS x 5		34		637

LCS - ~~P076 151~~ P076 516 TV = 68.7 PPM

42

10.26.09 TOC WA 2-4 sampling 10.15.09 Y.

Sample ID std in ppm	Position #1	IQ#
0.0 TC	1	640
0.5 TC	2	641
1.0 TC	3	642
2.0 TC	4	643
5.0	5	644
10.0	6 9 return up IQ# 649	~~645~~
20.0	7	646
25.0	8	647
30.0	9	648
0.0 TIC	10	650
0.5	11	651
1.0	12	652
2.0	13	653
50	14	654
10	15	655
20	16	656
25	17	657
Blank TOC	18	658
LCS x5	19	659
LCS x10	20	660
Unscaled 4996	21	661
4997	22	662
4997 Sk: ppm	23	663
Cut out 5003	24	664
Cut out 5004	25	665
Shield 5012	26	666
5013	27	667
DW 5014	28	668
5014	29	669
Drive Maxx 5022	30	670
5023	31	671
5024	32	672
LCS x5	33	673
LCS x5	34	674
Blank	35	675
LCS x10	36	676
LCS x1	37	677
Blank	38	678

LCS POT
TV=6
Sk = 5 P

2-09
2-09

WA 2-6 Sampling event 10.27.09

TOC on Aquous

ample ID	Position	ID #
std in PPM	#	
0.0 TC std	1	680
0.5	2	681
1.0	3	682
2.0	4	683
5.0	5	684
10.0	6	685
20.0	7	686
25.0	8	687
30.0	9	688
0.0 TIC std.	10	689
0.5	11	690
1.0	12	691
2.0	13	692
5.0	14	693
10.0	15	694
20.0	16	695
25.0	17	696
Blank	18	697
LCS x5	19	698
LCS x10	20	699
7A 5042	21	700
7A 5043	22	701
7A 5043 DUP	23	702
41A 5062	24	703
5063	25	704
5063 SK	26	705
35A 5082	27	706
35A 5083	28	707
35B 5102	29	708
35B 5103	30	709
LCS x5	31	710
LCS x5	32	711
Blank	33	712
LCS x10	34	713
Blank	35	714

LCS # P076516
TV = 68.7

SK = 4.0 PPM
0.1 ml of 1000 PPM
in to 25 ml

44

11-12-09

WA 2-2 TOC

Sampling 11-3-09, 11-4-09 & 11-10-09

4f

Sample ID Std. in ppm		Position #	TOC Analyzed ER#	
0.0	TC	1	716	LCS# T
0.5	TC	2	717	
1.0		3	718	
2.0		4	719	
5.0		5	720	
10.0		6	721	
20.0		7	722	
25.0		8	723	
30.0		9	724	
0.0	TIC	10	725	
0.5		11	726	
1.0		12	727	
2.0		13	728	
5.0		14	729	
10.0		15	730	
20.0		16	731	
25.0		17	732	
Blank TOC		18	733	
LCS x5		19	734	
LCS x10		20	735	
Cond. Tank-1	5251	1	736	
2	5252	2	737	
Unsealed To Sk - 2 Sk ~~5252~~ 5215		3	738	
Unsealed To	5215	4	739	
T30	5216	5	740	Sk=51
T60	5217	6	741	
T60 Dup	5217	7	742	
Shield To	5239	8	743	
T30	5240	9	744	
T60	5241	10	745	
Drive max. To	5227	11	746	- out of calibrati
T30	5228	12	747	
T60	5229	13	748	
LCS x5		14	749	
LCS x5		15	750	
Blank		16	751	
Cond. Tank-1	5287	17	752	
" 2	5288	18	753	Sk=5 Pl
Unsealed -1	5260	19	754	
2	5261	20	755	
2 Sk	5261	21	756	

Unsealed To Sk Sampling 11-3-09

Sampling 11-4-09

1-12-09

WA 2-2 Continue

TOC

sampling. 11-3, 11-4 & 11-10-09

4 P

Sample ID			Position #		TOC Analyzed ID #
Shield-1		5278	22		757
	2	5279	23		758
	3	5280	24		759
	3 DUP	5280	25	Sampling 11-4-09	760
Drive-Maxx-1		5268	26		761
	2	5269	27		762
	3	5270	28		763
Blank			29		764
LCS x5			30		765
LCC x5			31		766
LCS x10			32		767
Composite tank	1	5222	33		768
"	2	5223	34		769
Inserted 52"	1	5295	35		770
	2	5296	36	Sampling 11-10-09	771
	2 DUP	5296	37		772
Shield-1		5213	38		773
	2	5214	39		774
	3	5215	40		775
	3 SK	5215	41		776
Drive-Maxx-1		5303	42		777
	2	5304	43		778
	3	5305	44		779
Blank			45		780
LCS x5			46		781
LCS x5			47		782
LCS x10			48		783
~~LCS~~ Blank			49		784
LCS x10			50		785
Blank			1		786
Drive-Maxx To x10			2		787
" "		SK	3	SK = 5 PPM	788
LCS x5			4		789

SK = 5.0 PPM

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12-8-09

WA 2-2 Sampling TOC 12-3-09 48

Sample	ID #	Vial Position #	TOC Analyzed #
Blank		1	791
0.0	TC Std	2	792
0.5		3	793
1.0		4	794
2.0		5	795
5.0		6	796
10.0		7	797
20.0		8	798
25.0		9	799
30	TC	10	800
0.0		11	801
0.5		12	802
1.0		13	803
2.0		14	804
5.0		15	805
10.0		16	806
20.0		17	807
25.0		18	808
LCS x5		19	809
Blank		20	~~84~~ 810
Cond Tank	5381	21	811
	5382	22	812
	5382 SK	23	813
LCS x5		24	814
LCS x10		25	815
Shield -1	5372	26	816
2	5373	27	817
3	5374	28	818
Unsealed -1	5354	29	819
2	5355	30	820
2 DW	5355	31	821
Drive Maxx -1	5362	32	822
2	5363	33	823
3	5364	34	824
3 SK	5364	35	825
LCS x5		36	826
LCS x10		37	827
Blank		38	828
Blank		39	829

LCS Pa 76.5
TN = 68.
PPM

0.5 ml of 1000 ppm in to 35 ml

SK = 15 ppm

SK = 15 ppm

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WA 2.2 Sealed TOC 4.14.10 4.21.10 Sampling

4.22.10

Sample ID	Vial #	TOC Analyzer ID #
Blank Blank	0	518
		519
TC 0.0	1	520
50.0 TC	2	521
40	3	522
30	4	523
25	5	524
20	6	525
10	7	526
5	8	527
2	9	528
1.0	10	529
0.5	11	530
0.0 TIC 0.0 TIC	1	531
0.0 30.0 TIC 0.5 TIC	2	532
0.5 25.0	1.0 3	533
1.0 20.0	2.0 4	534
2.0 10.0	5.0 5	535
5.0 5.0	10.0 6	536
10.0	20.0 7	537
20.0	25.0 8	538
25.0	TIC 30.0 9	539
30.0	LCS X5 10	540
	LCS X10 11	541
	Blank 12	542
Unseeded -1	13	543
2-	14	544
2-2nd	15	545
5k	16	546
Shield -1	17	547
2	18	548
3	19	549
Drive max -1	20	550
2	21	551
3	22	552
5k	23	553
LCS X5	24	554
Rolin H2O	25	555
" 5k	26	556
Shield To	27	557
" T30	28	558
" T-31 2nd	29	559
" T-30	30	560

4.14.10 Sampling

4.21.10 Sampling

P076-516

LCS TC 268.8 PM

WA 2-4 4.9.10 Continued

HP

Shield. T-60	31	561	
Strong seal To	32	562	
T30	33	563	
T ~~30 Dup~~ Sk	34	564	4.21.10 sampling.
T-60	35	565	
T-60 Dup	36	566	
LCS X5	37	567	
LCS X10	38	568	
LCS X5	39	569	
Blank	40	570	
T- Rain H2O-1	41	571	
" 2	42	572	
" Sk	43	573	
T- Division Box-1	44	574	WA 2-4 4.9.10 sampling
2	45	575	
2 Dup	46	576	
T- PP 1-1	47	577	
1-2	48	578	
T- PP 2-1	49	579	
2-2	50	580	
LCS X5	51	581	
Shield To X5	1	582	
T- PP 1-1 X5	1	583	
1-2 X5	2	584	
T. PP 2-1 X5	3	585	
2-2 X5	4	586	
T PP 3-1 X5	5	587	
3-2 X5	6	588	
T PP 4-1 X5	7	589	
4-2 X5	8	590	
4-2 Dup X5	9	591	
LCS X5	10	592	
T- PA 1-1	1	593	
1-2	2	594	
2-1	3	595	
2-2	4	596	4.9.10
3-1	5	597	
3-2	6	598	
LCS X5	7	599	