Table 2
Final Results Summary - 360-22588-1, 360-22595-1 & 360-22658-1
May 2009 Slurry Wall / Cap Groundwater and Surface Water
Olin Chemical Superfund Site
Wilmington, Massachusetts

				GW-10S		GW-201S		GW-202D		GW-202S		GW-24		GW-25		GW-26	
				OC-GW-10S		OC-GW-201S		OC-GW-202D		OC-GW-202S		OC-GW-24		OC-GW-25		OC-GW-26	
				05/13/09		05/12/09		05/15/09		05/15/09		05/14/09		05/13/09		05/13/09	
				FS		FS		FS		FS		FS		FS		FS	
				360-22658-1		360-22595-1		360-22658-1		360-22658-1		360-22658-1		360-22658-1		360-22658-1	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
F	SW6010	Aluminum	ug/l	3100		100	U	18000		3.7	J	4	J	100	U	2.9	J
F	SW6010	Chromium	ug/l	5	U	14		1200		4.6	J	5	U	3.7	J	20	
N	E300	Chloride	mg/l	5.2		24		370		53		6.3		37		180	
N	E300	Sulfate	mg/l	41		1300		2600		490		68		120		160	
N	LACH_107_06_1_B	Nitrogen, as Ammonia	mg/l	1		72		360		120		36		53		74	
N	SM2510B	LAB SPECIFIC CONDUCTANC	umhos/cm	110		2500		5000		1300		350		570		1000	

Notes:
N = normal
F = filtered
FS = field sample
FD = field duplicate
U = not detected, value is the detection limit
J = value is estimated
ug/l = microgram per liter
mg/l = milligram per liter
umhos/cm = micro reciprocal ohms per centimeter

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Final Results Summary - 360-22588-1, 360-22595-1 & 360-22658-1
May 2009 Slurry Wall / Cap Groundwater and Surface Water
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Wilmington, Massachusetts

				GW-34D		GW-34D		GW-34SR		GW-35S		GW-39		GW-42S		GW-55S	
				OC-GW-34D		OC-GW-34D DUP		OC-GW-34SR		OC-GW-35S		OC-GW-39		OC-GW-42S		OC-GW-55S	
				05/13/09		05/13/09		05/13/09		05/12/09		05/13/09		05/11/09		05/14/09	
				FS		FD		FS		FS		FS		FS		FS	
				360-22658-1		360-22658-1		360-22658-1		360-22595-1		360-22658-1		360-22595-1		360-22658-1	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
F	SW6010	Aluminum	ug/l	4	J	4.7	J	100	U	25	J	91	J	515		470	
F	SW6010	Chromium	ug/l	13		13		0.52	J	16		5	U	12		1.8	J
N	E300	Chloride	mg/l	14		15		1.1		6.6		19		67		180	
N	E300	Sulfate	mg/l	37		38		7.1		400		500		8		1100	
N	LACH_107_06_1_B	Nitrogen, as Ammonia	mg/l	15	J	14	J	0.27		19		0.15		0.37		15	
N	SM2510B	LAB SPECIFIC CONDUCTANC	umhos/cm	210		210		65		1000		910		310		2800	

Notes:
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mg/l = milligram per liter
umhos/cm = micro reciprocal ohms per centimeter

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Final Results Summary - 360-22588-1, 360-22595-1 & 360-22658-1
May 2009 Slurry Wall / Cap Groundwater and Surface Water
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				GW-76S		GW-78S		GW-79S		GW-CA1		PZ-16RR		PZ-17RR		PZ-18	
				OC-GW-76S		OC-GW-78S		OC-GW-79S		OC-GW-CA1		OC-PZ-16RR		OC-PZ-17RR		OC-PZ-18R	
				05/13/09		05/14/09		05/15/09		05/14/09		05/14/09		05/14/09		05/13/09	
				FS		FS		FS		FS		FS		FS		FS	
				360-22658-1		360-22658-1		360-22658-1		360-22658-1		360-22658-1		360-22658-1		360-22658-1	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
F	SW6010	Aluminum	ug/l	7.2	J	3.4	J	18	J	6	J	100	U	100	U	3.6	J
F	SW6010	Chromium	ug/l	2.4	J	3.5	J	6.6		0.92	J	7.4		3.2	J	18	
N	E300	Chloride	mg/l	11		21		190		2.1		160		18		180	
N	E300	Sulfate	mg/l	38		620		1300		39		950		550		240	
N	LACH_107_06_1_B	Nitrogen, as Ammonia	mg/l	11		71		190		0.4		190		62		62	
N	SM2510B	LAB SPECIFIC CONDUCTANC	umhos/cm	170		1400		3320		390		2600		1400		1200	

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Checked by / Date: WDC 07/30/09

Notes:
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FD = field duplicate
U = not detected, value is the detection limit
J = value is estimated
ug/l = microgram per liter
mg/l = milligram per liter
umhos/cm = micro reciprocal ohms per centimeter

Table 2
Final Results Summary - 360-22588-1, 360-22595-1 & 360-22658-1
May 2009 Slurry Wall / Cap Groundwater and Surface Water
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Wilmington, Massachusetts

				ISCO1		ISCO2		ISCO3		PZ-16RR		PZ-17RR		PZ-18R		SD-17	
				OC-ISCO-1		OC-ISCO-2		OC-ISCO-3		OC-PZ16RRSW		OC-PZ17RRSW		OC-PZ18RSW		OC-SD17	
				05/12/09		05/12/09		05/12/09		05/12/09		05/12/09		05/12/09		05/12/09	
				FS		FS		FS		FS		FS		FS		FS	
				360-22588-1		360-22588-1		360-22588-1		360-22588-1		360-22588-1		360-22588-1		360-22588-1	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
F	SW6010	Aluminum	ug/l	98	J	17	U	250		20	J	100		94	J	130	
F	SW6010	Chromium	ug/l	12		4	J	50		12		68		12		72	
F	SW6010	Sodium	ug/l	84000	J	100000	J	100000	J	110000	J	120000		82000	J	120000	J
N	E300	Chloride	mg/l	120		140		140		160		160		120		160	
N	E300	Nitrate as N	mg/l	0.23		3.9		3.7		4.4		4		0.25		4.1	
N	E300	Nitrite as N	mg/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
N	E300	Sulfate	mg/l	110		190		190		180		220		120		220	
N	LACH_107_06_1_B	Nitrogen, as Ammonia	mg/l	24		34		41		18		36		25		35	
N	SM2510B	LAB SPECIFIC CONDUCTANCE	umhos/cm	700		980		960		1000		1100		700		1100	
T	SW6010	Aluminum	ug/l	210		2500		2700		2400		2500		180		2300	
T	SW6010	Chromium	ug/l	26		530		590		540		600		22		580	
T	SW6010	Sodium	ug/l	75000	J	87000	J	84000	J	92000	J	110000		65000	J	100000	J

Notes:
N = normal
T = total (unfiltered)
F = filtered
FS = field sample
U = not detected, value is the detection limit
J = value is estimated
ug/l = microgram per liter
mg/l = milligram per liter
umhos/cm = micro reciprocal ohms per centimeter

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