

# Tronox Remediation Program Schedule February 5, 2011

ID	Task Name	Duration	Start	Finish	Predecessors	Q3			Q4			Q1			Q2			Q3		
						J	J	A	S	O	N	D	J	F	A	M	J	J	A	S
1	<b>Phase B Soil Investigation/Remediation Program</b>	<b>840 days</b>	<b>Mon 7/7/08</b>	<b>Fri 9/16/11</b>																
2	Finalize Phase B Site Investigation	447 days	Wed 4/15/09	Thu 12/23/10																
3	Receipt of Phase B Final Lab Data	54 days	Thu 10/15/09	Wed 12/30/09																
8	Data Mgmt/Validation	447 days	Wed 4/15/09	Thu 12/23/10																
14	NDEP Phase B Source Area Meetings	15 days	Mon 1/18/10	Fri 2/5/10																
18	Phase B Reporting	100 days	Fri 11/20/09	Thu 4/8/10																
53	Remediation Planning	59 days	Mon 12/7/09	Thu 2/25/10																
59	<b>Phase B Remediation Supplemental Sampling</b>	<b>385 days</b>	<b>Mon 11/23/09</b>	<b>Fri 5/6/11</b>																
60	Area I	43 days	Mon 11/23/09	Wed 1/20/10																
64	Area II	49 days	Mon 12/7/09	Thu 2/11/10																
69	Waste Profile	245 days	Thu 2/11/10	Thu 1/13/11																
70	Submittal of Analysis Profiles to Landfills	0 days	Thu 2/11/10	Thu 2/11/10	68															
71	Acceptance of Profile Information by Landfills (subject to change)	245 days	Fri 2/12/10	Thu 1/13/11																
72	Parcel Profile	26 days	Fri 2/12/10	Fri 3/19/10	70															
73	MN Tails Profile	34 days	Fri 2/12/10	Wed 3/31/10	70															
74	Site-Wide Profile	111 days	Fri 3/5/10	Fri 7/30/10	70FS+15 days															
75	Potential Haz Areas	26 days	Mon 8/9/10	Mon 9/13/10																
79	LOU 10 - Haz Waste Landfill	149 days	Fri 3/12/10	Wed 9/29/10	70FS+20 days															
85	RZ-E	51 days	Thu 11/4/10	Thu 1/13/11																
86	Site Wide	27 days	Thu 11/4/10	Fri 12/10/10																
91	VOCs	8 days	Tue 1/4/11	Thu 1/13/11																
95	ACM	15 days	Wed 12/15/10	Tue 1/4/11																
100	Data Validation and DVSR (Area I/II Supplemental Sampling)	118 days	Mon 2/15/10	Wed 7/21/10																
109	Dioxin TEQ Bioaccessability Study	82 days	Mon 2/1/10	Tue 5/25/10																
133	Pre-Confirmation Sampling	321 days	Fri 2/19/10	Fri 5/6/11																
134	Scoping	4 days	Fri 2/19/10	Wed 2/24/10	58FS-5 days															
135	NDEP Meeting	1 day	Mon 2/22/10	Mon 2/22/10	134SS+1 day															
136	Work Plan	19 days	Thu 2/25/10	Tue 3/23/10																
142	Bid Development	10 days	Mon 3/15/10	Fri 3/26/10																
147	Field Work	211 days	Wed 3/24/10	Wed 1/5/11																
148	Mobilization	5 days	Mon 3/29/10	Fri 4/2/10	146															
149	RZ-B	12 days	Wed 3/24/10	Thu 4/8/10																
152	RZ-C	16 days	Fri 3/26/10	Fri 4/16/10																
155	RZ-D	18 days	Fri 4/2/10	Tue 4/27/10																
158	RZ-E	16 days	Fri 4/9/10	Fri 4/30/10																
161	Additional Step-Out Sampling	137 days	Thu 5/13/10	Fri 11/12/10																
162	First Phase	45 days	Thu 5/13/10	Wed 7/7/10																
165	Second Phase	87 days	Thu 7/15/10	Fri 11/12/10																
168	Third Phase	28 days	Mon 11/15/10	Wed 12/22/10																
169	Field Coordination/GBP	5 days	Mon 11/15/10	Fri 11/19/10	167															
170	Field Sampling	23 days	Mon 11/22/10	Wed 12/22/10	169															
171	Laboratory Analysis	206 days	Wed 3/31/10	Wed 1/5/11																
172	Screening Laboratory Analysis	91 days	Wed 3/31/10	Wed 7/28/10																
173	Mobilization	3 days	Wed 3/31/10	Fri 4/2/10	145,151SS-3 days															
174	Screening Analysis	88 days	Mon 4/5/10	Wed 7/28/10																
180	Fixed Lab Analysis	188 days	Mon 4/26/10	Wed 1/5/11																

Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary

Progress Summary Rolled Up Milestone Split Project Summary Deadline

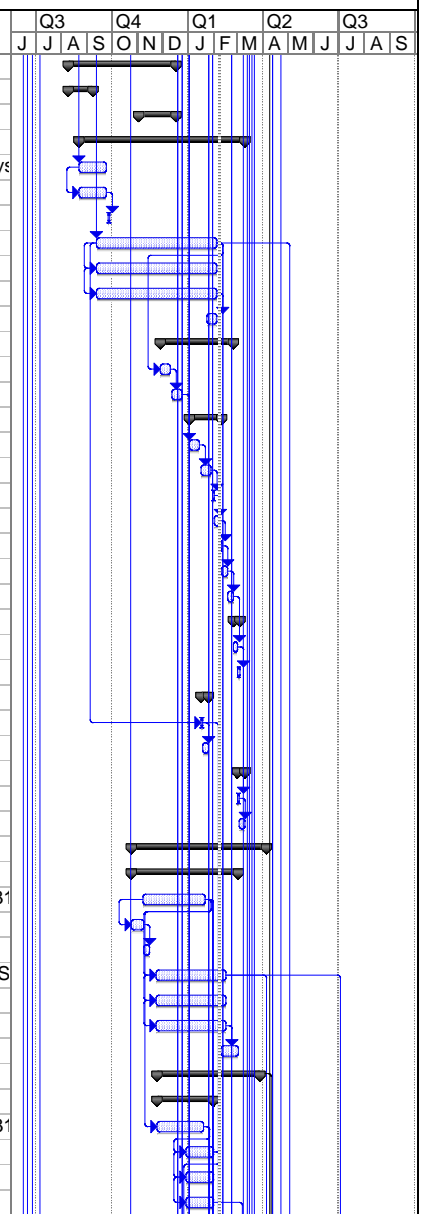
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						J	A	S	O	N	D	J	F	M	A	M
417	<b>RZ-B Unit Buildings</b>	<b>94 days</b>	<b>Tue 8/10/10</b>	<b>Fri 12/17/10</b>												
418	<b>Unit 1 Building</b>	<b>22 days</b>	<b>Tue 8/10/10</b>	<b>Wed 9/8/10</b>												
422	<b>Unit 2 Building</b>	<b>33 days</b>	<b>Wed 11/3/10</b>	<b>Fri 12/17/10</b>												
428	<b>RZ-B</b>	<b>144 days</b>	<b>Mon 8/23/10</b>	<b>Thu 3/10/11</b>												
429	Remove Debris and Obstructions	25 days	Mon 8/23/10	Fri 9/24/10	331,416FS+10 days											
430	Remove Applicable Utilities	25 days	Mon 8/23/10	Fri 9/24/10	429SS											
431	Install Temporary Critical Utilities	2 days	Mon 9/27/10	Tue 9/28/10	430											
432	Excavate, Transport to TSDF	105 days	Mon 9/13/10	Fri 2/4/11	331,416,344,346											
433	Dust Monitoring	105 days	Mon 9/13/10	Fri 2/4/11	432SS											
434	Perimeter Air Monitoring	105 days	Mon 9/13/10	Fri 2/4/11	433SS											
435	Backfill	10 days	Mon 1/24/11	Fri 2/4/11	434FS-10 days											
436	<b>RZ-B-20/21</b>	<b>64 days</b>	<b>Mon 11/29/10</b>	<b>Thu 2/24/11</b>												
437	Excavation to 4 ft	10 days	Mon 11/29/10	Fri 12/10/10	432FS-50 days											
438	Engineering evaluation - soil flushing design	10 days	Mon 12/13/10	Fri 12/24/10	437											
439	<b>Underpinning</b>	<b>29 days</b>	<b>Mon 1/3/11</b>	<b>Thu 2/10/11</b>												
440	Underpin Design	10 days	Mon 1/3/11	Fri 1/14/11	438FS+5 days											
441	Bid/Contracting	10 days	Mon 1/17/11	Fri 1/28/11	440											
442	Mobilization/Training	2 days	Mon 1/31/11	Tue 2/1/11	441											
443	Underpinning	4 days	Wed 2/2/11	Mon 2/7/11	442											
444	Excavation to 6 feet	3 days	Tue 2/8/11	Thu 2/10/11	443											
445	Installation of soil flushing system	5 days	Fri 2/11/11	Thu 2/17/11	444											
446	Backfill	5 days	Fri 2/18/11	Thu 2/24/11	445											
447	<b>RZ-B - 22</b>	<b>6 days</b>	<b>Fri 2/25/11</b>	<b>Fri 3/4/11</b>												
448	Excavation	3 days	Fri 2/25/11	Tue 3/1/11	446											
449	Backfill	3 days	Wed 3/2/11	Fri 3/4/11	448											
450	<b>RZ-B - VI Soil</b>	<b>7 days</b>	<b>Mon 1/17/11</b>	<b>Tue 1/25/11</b>												
451	Excavation	2 days	Mon 1/17/11	Tue 1/18/11	432SS+90 days											
452	Backfill	5 days	Wed 1/19/11	Tue 1/25/11	451											
453	<b>RZ-B - Haul Road/Utility Areas</b>	<b>7 days</b>	<b>Wed 3/2/11</b>	<b>Thu 3/10/11</b>												
454	Excavation	2 days	Wed 3/2/11	Thu 3/3/11	448											
455	Backfill	5 days	Fri 3/4/11	Thu 3/10/11	454											
456	<b>RZ-C</b>	<b>117 days</b>	<b>Mon 10/25/10</b>	<b>Tue 4/5/11</b>												
457	<b>C- South</b>	<b>93 days</b>	<b>Mon 10/25/10</b>	<b>Wed 3/2/11</b>												
458	Remove Debris and Obstructions	55 days	Mon 11/8/10	Fri 1/21/11	336FS+10 days,331											
459	Remove Applicable Utilities	11 days	Mon 10/25/10	Mon 11/8/10	458SS-10 days											
460	Install Temporary Critical Utilities	5 days	Tue 11/9/10	Mon 11/15/10	459											
461	Excavate, Transport to TSDF	60 days	Wed 11/24/10	Tue 2/15/11	336,331,392,458FS											
462	Dust Monitoring	60 days	Wed 11/24/10	Tue 2/15/11	461SS											
463	Perimeter Air Monitoring	60 days	Wed 11/24/10	Tue 2/15/11	462SS											
464	Backfill	15 days	Thu 2/10/11	Wed 3/2/11	463FS-4 days											
465	<b>C- North</b>	<b>88 days</b>	<b>Thu 11/25/10</b>	<b>Mon 3/28/11</b>												
466	<b>Bulk Removal</b>	<b>48 days</b>	<b>Thu 11/25/10</b>	<b>Mon 1/31/11</b>												
467	Remove Debris and Obstructions	40 days	Thu 11/25/10	Wed 1/19/11	336FS+10 days,331											
468	Excavate, Transport to TSDF	23 days	Thu 12/30/10	Mon 1/31/11	467FS-15 days											
469	Dust Monitoring	23 days	Thu 12/30/10	Mon 1/31/11	468SS											
470	Perimeter Air Monitoring	23 days	Thu 12/30/10	Mon 1/31/11	469SS											

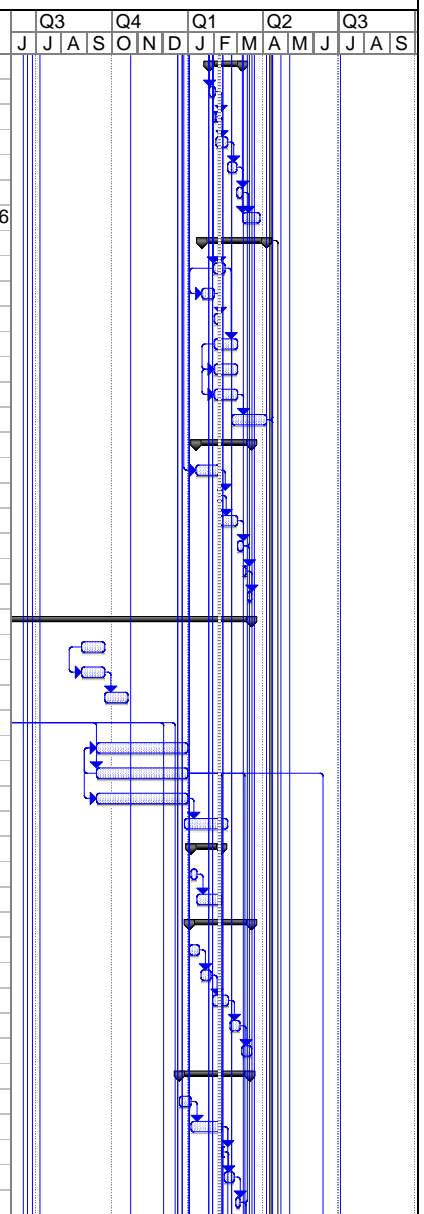


Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary   
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						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
471	<b>15KV line relocation</b>	<b>28 days</b>	<b>Thu 1/27/11</b>	<b>Mon 3/7/11</b>																	
472	Bid and Contract	5 days	Thu 1/27/11	Wed 2/2/11	467FS+5 days																
473	Authorization to Proceed	1 day	Thu 2/3/11	Thu 2/3/11	472																
474	Material Procurement	10 days	Fri 2/4/11	Thu 2/17/11	473																
475	Relocation of Powerpoles	7 days	Fri 2/18/11	Mon 2/28/11	474																
476	Excavation	5 days	Tue 3/1/11	Mon 3/7/11	475																
477	Backfill	15 days	Tue 3/8/11	Mon 3/28/11	470FS-15 days,476																
478	<b>RZ-C - roadway/critical subgrade utilities</b>	<b>56 days</b>	<b>Tue 1/18/11</b>	<b>Tue 4/5/11</b>																	
479	Remove Debris and Obstructions	10 days	Tue 2/1/11	Mon 2/14/11	458,468																
480	Remove Applicable Utilities	11 days	Tue 1/18/11	Tue 2/1/11	479SS-10 days																
481	Install Temporary Critical Utilities	5 days	Wed 2/2/11	Tue 2/8/11	480																
482	Excavate, Transport to TSDF	20 days	Wed 2/2/11	Tue 3/1/11	479FS-9 days																
483	Dust Monitoring	20 days	Wed 2/2/11	Tue 3/1/11	482SS																
484	Perimeter Air Monitoring	20 days	Wed 2/2/11	Tue 3/1/11	483SS																
485	Backfill	30 days	Wed 2/23/11	Tue 4/5/11	484FS-5 days																
486	<b>RZ-C - VI Soil</b>	<b>49 days</b>	<b>Tue 1/11/11</b>	<b>Fri 3/18/11</b>																	
487	Excavation	20 days	Tue 1/11/11	Mon 2/7/11	468FS-15 days																
488	Confirmation Sampling	1 day	Tue 2/8/11	Tue 2/8/11	487																
489	Receipt of Analytical Results	15 days	Wed 2/9/11	Tue 3/1/11	488																
490	Receipt of Validated Results	5 days	Wed 3/2/11	Tue 3/8/11	489																
491	Evaluation	3 days	Wed 3/9/11	Fri 3/11/11	490																
492	Backfill	5 days	Mon 3/14/11	Fri 3/18/11	491																
493	<b>RZ-D</b>	<b>231 days</b>	<b>Fri 5/7/10</b>	<b>Fri 3/18/11</b>																	
494	Remove Debris and Obstructions	20 days	Thu 8/26/10	Wed 9/22/10	331FS+10 days																
495	Remove Applicable Utilities	20 days	Thu 8/26/10	Wed 9/22/10	494SS																
496	Install Temporary Critical Utilities	20 days	Thu 9/23/10	Wed 10/20/10	495																
497	Haul Road Development	5 days	Fri 5/7/10	Thu 5/13/10	392																
498	Dust Monitoring	80 days	Mon 9/13/10	Fri 12/31/10	499SS																
499	Excavate, Transport to TSDF	80 days	Mon 9/13/10	Fri 12/31/10	331,392,497,346																
500	Perimeter Air Monitoring	80 days	Mon 9/13/10	Fri 12/31/10	498SS																
501	Backfill	38 days	Tue 12/28/10	Thu 2/17/11	500FS-4 days																
502	<b>RZ-D Western Property Boundary</b>	<b>27 days</b>	<b>Wed 1/5/11</b>	<b>Thu 2/10/11</b>																	
503	Access Agreement with BMI	5 days	Wed 1/5/11	Tue 1/11/11																	
504	Excavation/Backfill	22 days	Wed 1/12/11	Thu 2/10/11	503																
505	<b>RZ-D - PRP Lines</b>	<b>55 days</b>	<b>Mon 1/3/11</b>	<b>Fri 3/18/11</b>																	
506	Engineering Evaluation	10 days	Mon 1/3/11	Fri 1/14/11																	
507	Recommendation to NDEP	10 days	Mon 1/17/11	Fri 1/28/11	506																
508	Discussion/Response	15 days	Mon 1/31/11	Fri 2/18/11	507																
509	Excavation (if required)	10 days	Mon 2/21/11	Fri 3/4/11	508																
510	Backfill	10 days	Mon 3/7/11	Fri 3/18/11	509																
511	<b>RZ-D - VI Soil</b>	<b>61 days</b>	<b>Wed 12/22/10</b>	<b>Wed 3/16/11</b>																	
512	Identification and Potholing	10 days	Wed 12/22/10	Tue 1/4/11																	
513	Excavation	27 days	Wed 1/5/11	Thu 2/10/11	512																
514	Confirmation Sampling	1 day	Fri 2/11/11	Fri 2/11/11	513																
515	Receipt of Analytical Results	10 days	Mon 2/14/11	Fri 2/25/11	514																
516	Receipt of Validated Results	5 days	Mon 2/28/11	Fri 3/4/11	515																



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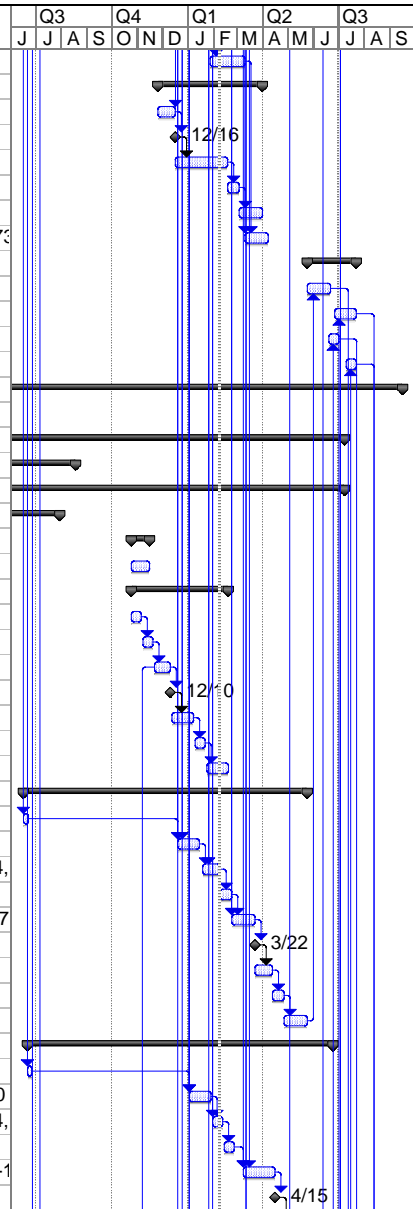
ID	Task Name	Duration	Start	Finish	Predecessors	Q3		Q4		Q1		Q2		Q3	
						J	A	S	O	N	D	J	F	M	A
517	Evaluation	3 days	Mon 3/7/11	Wed 3/9/11	516										
518	Backfill	5 days	Thu 3/10/11	Wed 3/16/11	517										
519	<b>LOU 10</b>	<b>63 days</b>	<b>Wed 10/6/10</b>	<b>Fri 12/31/10</b>											
524	<b>RZ-E</b>	<b>89 days</b>	<b>Fri 12/3/10</b>	<b>Wed 4/6/11</b>											
525	Remove Debris and Obstructions	10 days	Fri 12/3/10	Thu 12/16/10	340,331,497,392										
526	Remove Applicable Utilities	15 days	Fri 12/3/10	Thu 12/23/10	525SS										
527	Install Temporary Critical Utilities	5 days	Fri 12/24/10	Thu 12/30/10	526										
528	Excavate, Transport to TSDf - Initial Excavation	9 days	Fri 12/17/10	Wed 12/29/10	340,331,497,392,52										
529	Dust Monitoring	21 days	Fri 12/17/10	Fri 1/14/11	528SS										
530	Perimeter Air Monitoring	21 days	Fri 12/17/10	Fri 1/14/11	529SS										
531	<b>ACM Impacted Soil</b>	<b>42 days</b>	<b>Fri 12/17/10</b>	<b>Mon 2/14/11</b>											
532	Identification of ACM after Grubbing	1 day	Fri 12/17/10	Fri 12/17/10	525										
533	Cost Evaluation	7 days	Mon 12/20/10	Tue 12/28/10	532										
534	Approval	3 days	Wed 12/29/10	Fri 12/31/10	533										
535	Excavation	28 days	Thu 1/6/11	Mon 2/14/11	534FS+3 days										
536	Excavate, Transport to TSDf - Balance of Excavation	10 days	Tue 2/15/11	Mon 2/28/11	535										
537	Dust Monitoring	10 days	Tue 2/15/11	Mon 2/28/11	536SS										
538	Perimeter Air Monitoring	10 days	Tue 2/15/11	Mon 2/28/11	537SS										
539	<b>RZ-E - VI Soil</b>	<b>22 days</b>	<b>Tue 2/15/11</b>	<b>Wed 3/16/11</b>											
540	Excavation	3 days	Tue 2/15/11	Thu 2/17/11	535										
541	Confirmation Sampling	1 day	Fri 2/18/11	Fri 2/18/11	540										
542	Receipt of Analytical Results	10 days	Mon 2/21/11	Fri 3/4/11	541										
543	Receipt of Validated Results	5 days	Mon 3/7/11	Fri 3/11/11	542										
544	Evaluation	3 days	Mon 3/14/11	Wed 3/16/11	543										
545	Backfill	15 days	Thu 3/17/11	Wed 4/6/11	539										
546	Contractor Demobilization	5 days	Thu 4/7/11	Wed 4/13/11	485,545										
547	<b>Data Validation and DVSR Reports</b>	<b>253 days</b>	<b>Wed 5/5/10</b>	<b>Fri 4/15/11</b>											
548	<b>Parcel C, D, F, G, &amp; H</b>	<b>66 days</b>	<b>Wed 5/5/10</b>	<b>Wed 7/28/10</b>											
549	Data Validation	15 days	Wed 5/5/10	Tue 5/25/10	385,389										
550	DV Summary Tables	5 days	Wed 5/26/10	Tue 6/1/10	549										
551	<b>Data Validation Summary Report</b>	<b>46 days</b>	<b>Wed 6/2/10</b>	<b>Wed 7/28/10</b>											
558	<b>Manganese Tails Area - within RZ-C</b>	<b>0 days</b>	<b>Fri 4/15/11</b>	<b>Fri 4/15/11</b>	<b>238,543,245</b>										
559	<b>Replace Utility Lines as Necessary</b>	<b>95 days</b>	<b>Mon 2/7/11</b>	<b>Fri 6/17/11</b>											
560	Perimeter Air Monitoring (if necessary)	95 days	Mon 2/7/11	Fri 6/17/11	432										
561	RZ-B	20 days	Mon 2/7/11	Fri 3/4/11	432,560SS,451										
562	RZ-C	20 days	Wed 4/6/11	Tue 5/3/11	461,465,478										
563	RZ-D	20 days	Fri 2/11/11	Thu 3/10/11	499,513										
564	RZ-E	10 days	Tue 3/1/11	Mon 3/14/11	528,536										
565	<b>Environmental Covenants</b>	<b>289 days</b>	<b>Mon 3/8/10</b>	<b>Thu 4/7/11</b>											
566	EC Working Document Preparation (part of RAW)	43 days	Mon 3/8/10	Wed 5/5/10	566										
567	Submit EC Working Doc to NDEP	0 days	Wed 5/5/10	Wed 5/5/10	566										
568	NDEP Review	20 days	Thu 5/6/10	Wed 6/2/10	567										
569	Submit EC Doc with Final EC Areas	24 days	Mon 11/8/10	Thu 12/9/10	568,203FS-45 days										
570	Respond to Comments/WP Finalization	17 days	Fri 12/10/10	Mon 1/3/11	569										
571	NDEP Review	15 days	Tue 1/4/11	Mon 1/24/11	570										
572	Cost Feasibility Evaluation Memo	3 days	Tue 1/25/11	Thu 1/27/11	571										

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						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
573	NDEP Review and Approval	30 days	Fri 1/28/11	Thu 3/10/11	572																
574	<b>Develop Risk Management Plan</b>	<b>90 days</b>	<b>Fri 11/26/10</b>	<b>Thu 3/31/11</b>																	
575	RMP Preparation	15 days	Fri 11/26/10	Thu 12/16/10	569FS-10 days																
576	Submit RMP to NDEP	0 days	Thu 12/16/10	Thu 12/16/10	575																
577	NDEP Review	45 days	Fri 12/17/10	Thu 2/17/11	576																
578	Respond to Comments/RMP Finalization	10 days	Fri 2/18/11	Thu 3/31/11	577																
579	NDEP Approval	20 days	Fri 3/4/11	Thu 3/31/11	578																
580	Install Engineering Controls	20 days	Fri 3/11/11	Thu 4/7/11	499FS+20 days,573																
581	<b>Final Grading</b>	<b>43 days</b>	<b>Wed 5/25/11</b>	<b>Fri 7/22/11</b>																	
582	RZ-B	20 days	Wed 5/25/11	Tue 6/21/11	633																
583	RZ-C	20 days	Mon 6/27/11	Fri 7/22/11	643																
584	RZ-D	10 days	Mon 6/20/11	Fri 7/1/11	653																
585	RZ-E	10 days	Mon 7/11/11	Fri 7/22/11	663																
586	<b>Human Health Risk Evaluation</b>	<b>450 days</b>	<b>Mon 1/4/10</b>	<b>Fri 9/16/11</b>																	
587	<b>Human Health Risk WP</b>	<b>48 days</b>	<b>Mon 1/4/10</b>	<b>Wed 3/10/10</b>																	
591	<b>Human Health Risk Evaluation/Reports</b>	<b>364 days</b>	<b>Tue 2/23/10</b>	<b>Fri 7/8/11</b>																	
592	<b>Decision Unit Development</b>	<b>132 days</b>	<b>Tue 2/23/10</b>	<b>Wed 8/18/10</b>																	
600	<b>Post Closure Risk Assessment</b>	<b>350 days</b>	<b>Mon 3/15/10</b>	<b>Fri 7/8/11</b>																	
601	<b>RZ-A</b>	<b>105 days</b>	<b>Mon 3/15/10</b>	<b>Fri 7/30/10</b>																	
614	<b>Parcel A/B Soil Gas</b>	<b>16 days</b>	<b>Mon 10/25/10</b>	<b>Mon 11/15/10</b>																	
615	Respond to NDEP Comments	16 days	Mon 10/25/10	Mon 11/15/10																	
616	<b>Parcel CDFGH</b>	<b>85 days</b>	<b>Mon 10/25/10</b>	<b>Fri 2/18/11</b>																	
617	Data Evaluation	10 days	Mon 10/25/10	Fri 11/5/10	557FS+62 days																
618	Data Usability	10 days	Mon 11/8/10	Fri 11/19/10	617																
619	Prepare HHRA	15 days	Mon 11/22/10	Fri 12/10/10	618																
620	Submit RA to NDEP	0 days	Fri 12/10/10	Fri 12/10/10	619																
621	NDEP Review and Comment	20 days	Mon 12/13/10	Fri 1/7/11	620																
622	RTC and Revisions	10 days	Mon 1/10/11	Fri 1/21/11	621																
623	NDEP Review and Approval	20 days	Mon 1/24/11	Fri 2/18/11	622																
624	<b>RZ-B</b>	<b>247 days</b>	<b>Thu 6/17/10</b>	<b>Tue 5/24/11</b>																	
625	Data Evaluation	5 days	Thu 6/17/10	Tue 6/22/10	596,181																
626	Data Table Preparation and Submittal to NDEP	20 days	Mon 12/20/10	Fri 1/14/11	625,408,187																
627	Data Usability	15 days	Wed 1/19/11	Tue 2/8/11	210SF+4 days,204,																
628	Preliminary Risk Calculations	10 days	Wed 2/9/11	Tue 2/22/11	627																
629	Prepare HHRA	20 days	Wed 2/23/11	Tue 3/22/11	628,211FF,204,237																
630	Submit RA to NDEP	0 days	Tue 3/22/11	Tue 3/22/11	629																
631	NDEP Review and Comment	15 days	Wed 3/23/11	Tue 4/12/11	630																
632	RTC and Revisions	10 days	Wed 4/13/11	Tue 4/26/11	631																
633	NDEP Review and Approval	20 days	Wed 4/27/11	Tue 5/24/11	632																
634	<b>RZ-C (includes Mn Tails Area)</b>	<b>266 days</b>	<b>Tue 6/22/10</b>	<b>Fri 6/24/11</b>																	
635	Data Evaluation	5 days	Tue 6/22/10	Sat 6/26/10	597,182																
636	Data Table Preparation and Submittal to NDEP	20 days	Mon 1/3/11	Fri 1/28/11	635,408,187FS+10																
637	Data Usability	10 days	Mon 1/31/11	Fri 2/11/11	216SF+4 days,204,																
638	Preliminary Risk Calculations	10 days	Mon 2/14/11	Fri 2/25/11	637																
639	Prepare HHRA	28 days	Wed 3/9/11	Fri 4/15/11	638,217FF,237FS-1																
640	Submit RA to NDEP	0 days	Fri 4/15/11	Fri 4/15/11	639																

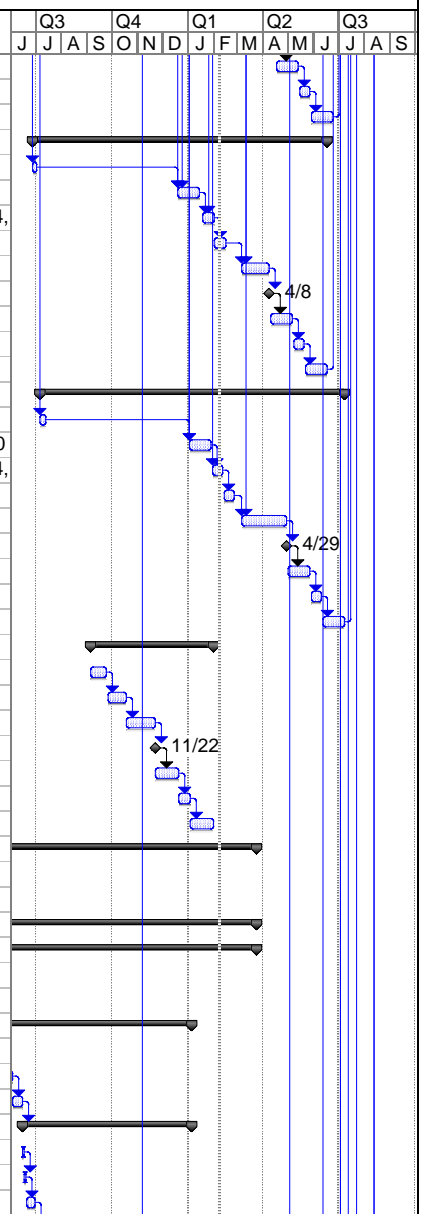


Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary
  
Progress Summary Rolled Up Milestone Split Project Summary Deadline

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# Tronox Remediation Program Schedule February 5, 2011

ID	Task Name	Duration	Start	Finish	Predecessors	Q3		Q4		Q1		Q2		Q3	
						J	A	S	O	N	D	J	F	A	M
641	NDEP Review and Comment	20 days	Mon 4/18/11	Fri 5/13/11	640										
642	RTC and Revisions	10 days	Mon 5/16/11	Fri 5/27/11	641										
643	NDEP Review and Approval	20 days	Mon 5/30/11	Fri 6/24/11	642										
644	<b>RZ-D (includes LOU 10)</b>	<b>255 days</b>	<b>Mon 6/28/10</b>	<b>Fri 6/17/11</b>											
645	Data Evaluation	5 days	Mon 6/28/10	Fri 7/2/10	598,183										
646	Data Table Preparation and Submittal to NDEP	20 days	Mon 12/20/10	Fri 1/14/11	645,408,187										
647	Data Usability	10 days	Wed 1/19/11	Tue 2/1/11	222SF+4 days,204,										
648	Preliminary Risk Calculations	10 days	Wed 2/2/11	Tue 2/15/11	647										
649	Prepare HHRA	25 days	Mon 3/7/11	Fri 4/8/11	648,223FF,516										
650	Submit RA to NDEP	0 days	Fri 4/8/11	Fri 4/8/11	649										
651	NDEP Review and Comment	20 days	Mon 4/11/11	Fri 5/6/11	650										
652	RTC and Revisions	10 days	Mon 5/9/11	Fri 5/20/11	651										
653	NDEP Review and Approval	20 days	Mon 5/23/11	Fri 6/17/11	652										
654	<b>RZ-E</b>	<b>263 days</b>	<b>Wed 7/7/10</b>	<b>Fri 7/8/11</b>											
655	Data Evaluation	5 days	Wed 7/7/10	Tue 7/13/10	599,184										
656	Data Table Preparation and Submittal to NDEP	20 days	Mon 1/3/11	Fri 1/28/11	655,408,187FS+10										
657	Data Usability	10 days	Mon 1/31/11	Fri 2/11/11	230SF+4 days,204,										
658	Preliminary Risk Calculations	10 days	Mon 2/14/11	Fri 2/25/11	657										
659	Prepare HHRA	40 days	Mon 3/7/11	Fri 4/29/11	658,231FF,542										
660	Submit RA to NDEP	0 days	Fri 4/29/11	Fri 4/29/11	659										
661	NDEP Review and Comment	20 days	Mon 5/2/11	Fri 5/27/11	660										
662	RTC and Revisions	10 days	Mon 5/30/11	Fri 6/10/11	661										
663	NDEP Review and Approve RA	20 days	Mon 6/13/11	Fri 7/8/11	662										
664	<b>Site Wide Soil Gas Risk Assessment Report</b>	<b>106 days</b>	<b>Mon 9/6/10</b>	<b>Mon 1/31/11</b>											
665	Data Evaluation	15 days	Mon 9/6/10	Fri 9/24/10											
666	Data Usability	16 days	Mon 9/27/10	Mon 10/18/10	665										
667	Prepare HHRA	25 days	Tue 10/19/10	Mon 11/22/10	666										
668	Submit RA to NDEP	0 days	Mon 11/22/10	Mon 11/22/10	667										
669	NDEP Review and Comment	20 days	Tue 11/23/10	Mon 12/20/10	668										
670	RTC and Revisions	10 days	Tue 12/21/10	Mon 1/3/11	669										
671	NDEP Review and Approve RA	20 days	Tue 1/4/11	Mon 1/31/11	670										
672	<b>Soil Vapor Intrusion Evaluation and Mitigation</b>	<b>324 days</b>	<b>Mon 1/4/10</b>	<b>Thu 3/24/11</b>											
673	Evaluate Soil Gas Data	10 days	Mon 1/4/10	Fri 1/15/10											
674	Evaluate Phase B Soil Data	10 days	Mon 1/18/10	Fri 1/29/10	673										
675	<b>Evaluate Need for Mitigation</b>	<b>289 days</b>	<b>Mon 2/22/10</b>	<b>Thu 3/24/11</b>											
676	<b>IAQ Testing (if required)</b>	<b>289 days</b>	<b>Mon 2/22/10</b>	<b>Thu 3/24/11</b>											
677	Evaluate need for IAQ Testing	10 days	Mon 2/22/10	Fri 3/5/10	674FS+15 days										
678	<b>IAQ Testing Plan</b>	<b>40 days</b>	<b>Mon 3/8/10</b>	<b>Fri 4/30/10</b>											
686	<b>IAQ Testing Implementation</b>	<b>181 days</b>	<b>Wed 5/5/10</b>	<b>Wed 1/5/11</b>											
687	Building Inspections	2 days	Wed 5/5/10	Thu 5/6/10	683FS+15 days										
688	Tech Memo - Building Selection	15 days	Fri 5/14/10	Thu 6/3/10	687FS+5 days										
689	NDEP Approval	10 days	Fri 6/4/10	Tue 6/15/10	688										
690	<b>Implementation</b>	<b>149 days</b>	<b>Wed 6/16/10</b>	<b>Wed 1/5/11</b>	<b>689</b>										
691	Coordination/Mobilization	2 days	Wed 6/16/10	Thu 6/17/10											
692	Field Work	2 days	Fri 6/18/10	Sat 6/19/10	691										
693	Laboratory Analysis	10 days	Mon 6/21/10	Wed 6/30/10	692										



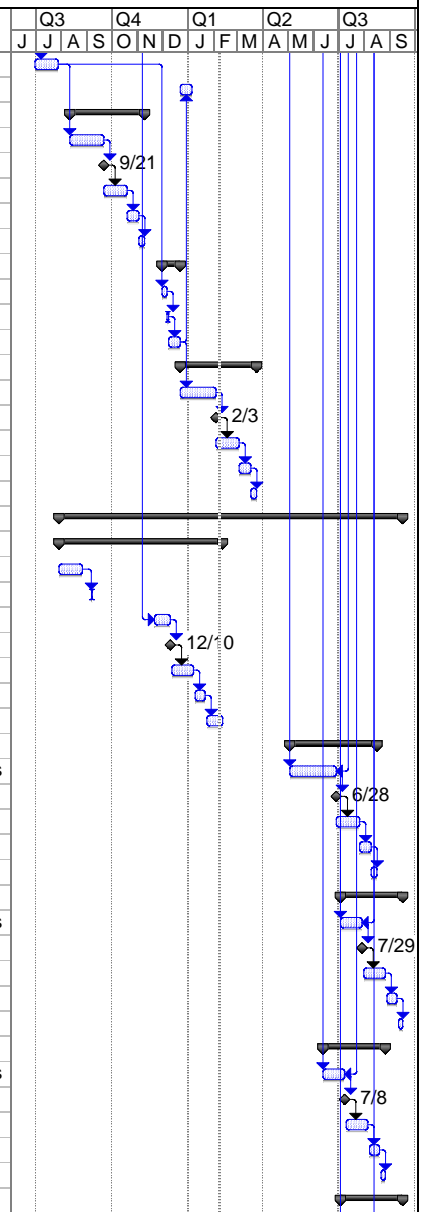
Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary   
Progress Summary Rolled Up Milestone Split Project Summary Deadline

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# Tronox Remediation Program Schedule February 5, 2011

ID	Task Name	Duration	Start	Finish	Predecessors	Q3		Q4			Q1		Q2		Q3	
						J	J	A	S	O	N	D	J	F	M	A
694	Data Evaluation	20 days	Thu 7/1/10	Wed 7/28/10	693											
695	Data Evaluation	10 days	Thu 12/23/10	Wed 1/5/11	705											
696	<b>IAQ Evaluation Report</b>	<b>64 days</b>	<b>Thu 8/12/10</b>	<b>Tue 11/9/10</b>												
697	Prepare Report	29 days	Thu 8/12/10	Tue 9/21/10	694FS+10 days											
698	Submit to NDEP	0 days	Tue 9/21/10	Tue 9/21/10	697											
699	NDEP Review and Comments	20 days	Wed 9/22/10	Tue 10/19/10	698											
700	RTC and Revisions	10 days	Wed 10/20/10	Tue 11/2/10	699											
701	NDEP Approval	5 days	Wed 11/3/10	Tue 11/9/10	700											
702	<b>Sampling Event</b>	<b>16 days</b>	<b>Wed 12/1/10</b>	<b>Wed 12/22/10</b>												
703	Coordination/Mobilization	4 days	Wed 12/1/10	Mon 12/6/10	694FS+89 days											
704	Field Work	2 days	Tue 12/7/10	Wed 12/8/10	703											
705	Laboratory Analysis	10 days	Thu 12/9/10	Wed 12/22/10	704											
706	<b>IAQ Report</b>	<b>66 days</b>	<b>Thu 12/23/10</b>	<b>Thu 3/24/11</b>												
707	Prepare Report	31 days	Thu 12/23/10	Thu 2/3/11	705											
708	Submit to NDEP	0 days	Thu 2/3/11	Thu 2/3/11	707											
709	NDEP Review and Comments	20 days	Fri 2/4/11	Thu 3/3/11	708											
710	RTC and Revisions	10 days	Fri 3/4/11	Thu 3/17/11	709											
711	NDEP Approval	5 days	Fri 3/18/11	Thu 3/24/11	710											
712	<b>Closures</b>	<b>296 days</b>	<b>Fri 7/30/10</b>	<b>Fri 9/16/11</b>												
713	<b>Parcel C, D, F, G and H</b>	<b>141 days</b>	<b>Fri 7/30/10</b>	<b>Fri 2/11/11</b>												
714	Data Evaluation	20 days	Fri 7/30/10	Thu 8/26/10	556FS+7 days											
715	Call with NDEP	1 day	Tue 9/7/10	Tue 9/7/10	714FS+7 days											
716	Prepare Closure Report	15 days	Mon 11/22/10	Fri 12/10/10	619SS											
717	Submit CR to NDEP**	0 days	Fri 12/10/10	Fri 12/10/10	716											
718	NDEP Review and Comments**	20 days	Mon 12/13/10	Fri 1/7/11	717											
719	RTC and Revisions**	10 days	Mon 1/10/11	Fri 1/21/11	718											
720	NDEP Review and Approve CR**	15 days	Mon 1/24/11	Fri 2/11/11	719											
721	<b>RZ-B</b>	<b>75 days</b>	<b>Wed 5/4/11</b>	<b>Tue 8/16/11</b>												
722	Prepare Closure Report	40 days	Wed 5/4/11	Tue 6/28/11	432,582FF+5 days											
723	Submit CR to NDEP	0 days	Tue 6/28/11	Tue 6/28/11	722											
724	NDEP Review and Comments	20 days	Wed 6/29/11	Tue 7/26/11	723											
725	RTC and Revisions	10 days	Wed 7/27/11	Tue 8/9/11	724											
726	NDEP Review and Approval	5 days	Wed 8/10/11	Tue 8/16/11	725											
727	<b>RZ-C (includes Mn Tails Area)</b>	<b>55 days</b>	<b>Mon 7/4/11</b>	<b>Fri 9/16/11</b>												
728	Prepare Closure Report	20 days	Mon 7/4/11	Fri 7/29/11	461,583FF+5 days											
729	Submit CR to NDEP	0 days	Fri 7/29/11	Fri 7/29/11	728											
730	NDEP Review and Comments	20 days	Mon 8/1/11	Fri 8/26/11	729											
731	RTC and Revisions	10 days	Mon 8/29/11	Fri 9/9/11	730											
732	NDEP Review and Approval	5 days	Mon 9/12/11	Fri 9/16/11	731											
733	<b>RZ-D (includes LOU 10)</b>	<b>55 days</b>	<b>Mon 6/13/11</b>	<b>Fri 8/26/11</b>												
734	Prepare Closure Report	20 days	Mon 6/13/11	Fri 7/8/11	499,584FF+5 days											
735	Submit CR to NDEP	0 days	Fri 7/8/11	Fri 7/8/11	734											
736	NDEP Review and Comments	20 days	Mon 7/11/11	Fri 8/5/11	735											
737	RTC and Revisions	10 days	Mon 8/8/11	Fri 8/19/11	736											
738	NDEP Review and Approval	5 days	Mon 8/22/11	Fri 8/26/11	737											
739	<b>RZ-E</b>	<b>55 days</b>	<b>Mon 7/4/11</b>	<b>Fri 9/16/11</b>												

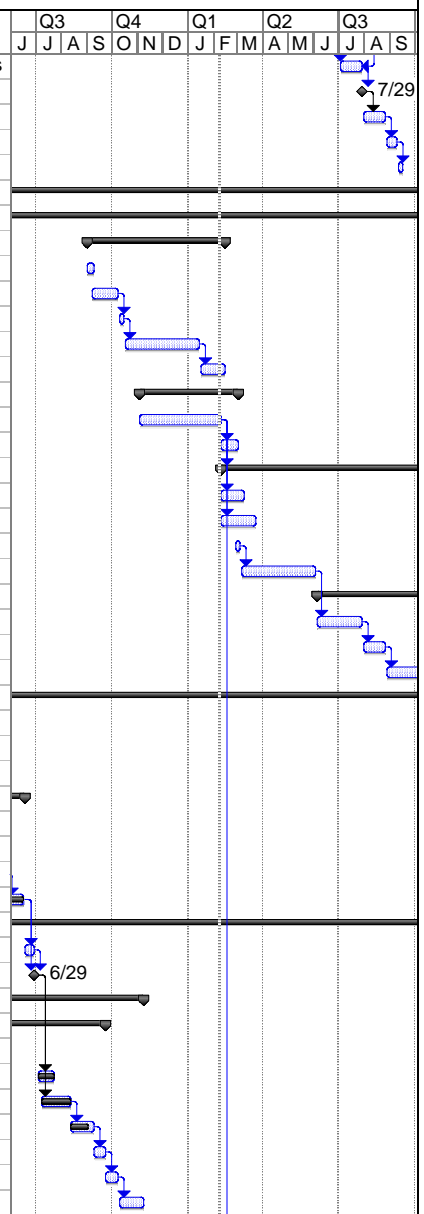


Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary
  
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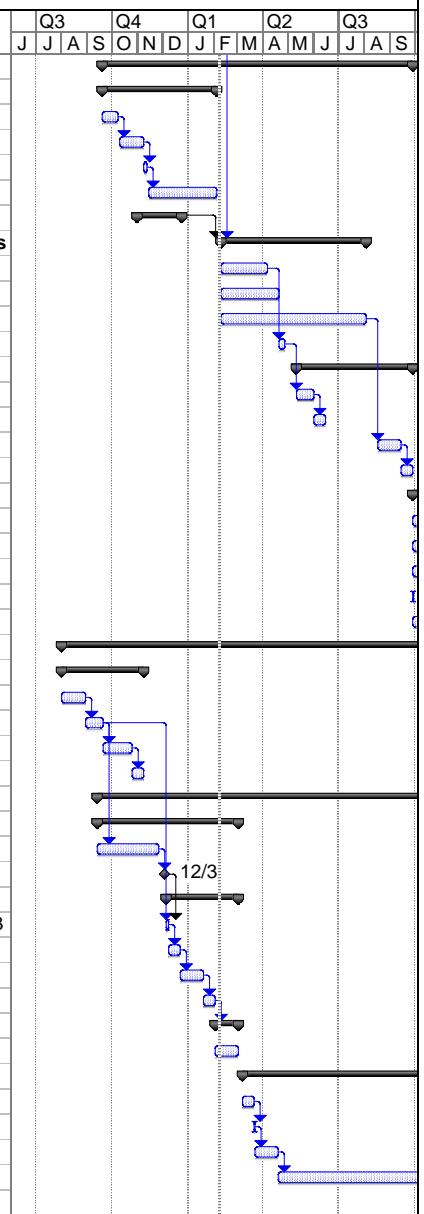
# Tronox Remediation Program Schedule February 5, 2011

ID	Task Name	Duration	Start	Finish	Predecessors	Q3			Q4			Q1			Q2			Q3			
						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
740	Prepare Closure Report**	20 days	Mon 7/4/11	Fri 7/29/11	528,585FF+5 days																
741	Submit CR to NDEP**	0 days	Fri 7/29/11	Fri 7/29/11	740																
742	NDEP Review and Comments**	20 days	Mon 8/1/11	Fri 8/26/11	741																
743	RTC and Revisions**	10 days	Mon 8/29/11	Fri 9/9/11	742																
744	NDEP Review and Approval**	5 days	Mon 9/12/11	Fri 9/16/11	743																
745	<b>Leaching/Groundwater Program</b>	<b>2415 days</b>	<b>Thu 11/12/09</b>	<b>Wed 2/6/19</b>																	
746	<b>Vadose Zone</b>	<b>2243 days</b>	<b>Mon 3/1/10</b>	<b>Wed 9/26/18</b>																	
747	<b>Background Analysis and Errata to Leaching Memo</b>	<b>118 days</b>	<b>Thu 9/2/10</b>	<b>Mon 2/14/11</b>																	
748	Preparation and Submittal to NDEP	6 days	Thu 9/2/10	Thu 9/9/10																	
749	NDEP Review and Comment	23 days	Wed 9/8/10	Fri 10/8/10																	
750	Preparation and Submittal of Revised Memo and RTC	5 days	Mon 10/11/10	Fri 10/15/10	749																
751	NDEP Review and Comment	65 days	Mon 10/18/10	Fri 1/14/11	750																
752	Preparation and Submittal of Revised Memo and RTC	21 days	Mon 1/17/11	Mon 2/14/11	751																
753	<b>Remedial Alternatives Study</b>	<b>85 days</b>	<b>Thu 11/4/10</b>	<b>Wed 3/2/11</b>																	
754	Screen Technologies and Prepare Tech Memo	70 days	Thu 11/4/10	Wed 2/9/11																	
755	NDEP Review and Comment	15 days	Thu 2/10/11	Wed 3/2/11	754																
756	<b>Feasibility Analysis</b>	<b>277 days</b>	<b>Thu 2/10/11</b>	<b>Fri 3/2/12</b>	<b>754</b>																
757	Develop proposed Remedial Action Objectives	20 days	Thu 2/10/11	Wed 3/9/11	754																
758	Engineering and Economic Evaluation of Retained Technologies	30 days	Thu 2/10/11	Wed 3/23/11	754																
759	Additional sampling and analysis for design input and bench-scale studies	5 days	Mon 2/28/11	Fri 3/4/11																	
760	Bench-scale testing	65 days	Mon 3/7/11	Fri 6/3/11	759																
761	<b>Pilot-scale testing</b>	<b>195 days</b>	<b>Mon 6/6/11</b>	<b>Fri 3/2/12</b>																	
762	Develop and submit work plan	40 days	Mon 6/6/11	Fri 7/29/11	760																
763	NDEP review and approval	20 days	Mon 8/1/11	Fri 8/26/11	762																
764	Pilot test implementation	135 days	Mon 8/29/11	Fri 3/2/12	763																
765	<b>Soil Flushing</b>	<b>2243 days</b>	<b>Mon 3/1/10</b>	<b>Wed 9/26/18</b>																	
766	<b>Pilot Test Workplan</b>	<b>21 days</b>	<b>Mon 3/1/10</b>	<b>Mon 3/29/10</b>																	
767	Workplan Preparation	15 days	Mon 3/1/10	Fri 3/19/10																	
768	Review Workplan (Tronox, Chartis)	6 days	Mon 3/22/10	Mon 3/29/10	767																
769	<b>Revise and Finalize WP</b>	<b>61 days</b>	<b>Mon 3/29/10</b>	<b>Fri 6/18/10</b>	<b>768</b>																
770	Submit WP to NDEP	0 days	Mon 3/29/10	Mon 3/29/10																	
771	NDEP Review	15 days	Tue 3/30/10	Mon 4/19/10	770																
772	Respond to Comments/WP Finalization	27 days	Tue 4/20/10	Wed 5/26/10	771																
773	NDEP Review and Approval	17 days	Thu 5/27/10	Fri 6/18/10	772																
774	<b>Pilot Test Implementation</b>	<b>2193 days</b>	<b>Mon 5/10/10</b>	<b>Wed 9/26/18</b>																	
775	Contractor Selection	10 days	Sat 6/19/10	Tue 6/29/10	773																
776	Notice to Proceed	0 days	Tue 6/29/10	Tue 6/29/10	773,775																
777	<b>Column Studies</b>	<b>136 days</b>	<b>Mon 5/10/10</b>	<b>Mon 11/8/10</b>																	
778	<b>Laboratory Studies</b>	<b>104 days</b>	<b>Mon 5/10/10</b>	<b>Thu 9/23/10</b>																	
779	Collect Soil and Water Materials	5 days	Mon 5/10/10	Fri 5/14/10																	
780	Analyze Soil and Water Materials	15 days	Mon 7/5/10	Fri 7/23/10	776																
781	Prepare Soil Columns	25 days	Fri 7/9/10	Thu 8/12/10	776FS+4 days																
782	Conduct soil column tests	20 days	Fri 8/13/10	Thu 9/9/10	781																
783	Complete Post Test Analyses	10 days	Fri 9/10/10	Thu 9/23/10	782																
784	Column Study Tech Memo Submittal to NDEP	11 days	Fri 9/24/10	Fri 10/8/10	783																
785	NDEP Review Column Study Tech Memo	21 days	Mon 10/11/10	Mon 11/8/10	784																



# Tronox Remediation Program Schedule February 5, 2011

ID	Task Name	Duration	Start	Finish	Predecessors	Q3			Q4			Q1			Q2			Q3			
						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
786	<b>Soil Flushing Pilot Test (In Discussion w/NDEP)</b>	<b>268 days</b>	<b>Mon 9/20/10</b>	<b>Wed 9/28/11</b>																	
787	<b>Work Plan and Permitting</b>	<b>100 days</b>	<b>Mon 9/20/10</b>	<b>Fri 2/4/11</b>																	
788	Prepare and submit Work Plan	15 days	Mon 9/20/10	Fri 10/8/10																	
789	NDEP Review and Response to Work Plan	21 days	Mon 10/11/10	Mon 11/8/10	788																
790	Prepare and submit Work Plan addendum	4 days	Tue 11/9/10	Fri 11/12/10	789																
791	NDEP review & approval	60 days	Mon 11/15/10	Fri 2/4/11	790																
792	<b>Installation and Pre-test sampling (Pending results of RAS)</b>	<b>40 days</b>	<b>Mon 11/1/10</b>	<b>Fri 12/24/10</b>																	
798	<b>Pilot Test Implementation (Pending results of RAS)</b>	<b>125 days</b>	<b>Thu 2/10/11</b>	<b>Wed 8/3/11</b>	754,792FS+5 days																
799	Addition of flushing water	40 days	Thu 2/10/11	Wed 4/6/11																	
800	Leachate monitoring	50 days	Thu 2/10/11	Wed 4/20/11																	
801	Groundwater monitoring	125 days	Thu 2/10/11	Wed 8/3/11																	
802	Post-test soil sampling	5 days	Thu 4/21/11	Wed 4/27/11	799FS+10 days																
803	<b>Reporting</b>	<b>100 days</b>	<b>Thu 5/12/11</b>	<b>Wed 9/28/11</b>																	
804	Prepare and submit preliminary technical memo	15 days	Thu 5/12/11	Wed 6/1/11	802FS+10 days																
805	NDEP review	10 days	Thu 6/2/11	Wed 6/15/11	804																
806	Prepare and submit final technical memo	20 days	Thu 8/18/11	Wed 9/14/11	801FS+10 days																
807	NDEP review	10 days	Thu 9/15/11	Wed 9/28/11	806																
808	<b>Full Scale Design, Installation, and Operation (In Disc w/NDEP)</b>	<b>1825 days</b>	<b>Thu 9/29/11</b>	<b>Wed 9/26/18</b>	<b>786</b>																
809	GWETS evaluation	127 days	Thu 9/29/11	Fri 3/23/12																	
810	Permitting	110 days	Thu 9/29/11	Wed 2/29/12																	
811	Install drip line	15 days	Thu 9/29/11	Wed 10/19/11																	
812	Start-up	1 day	Thu 9/29/11	Thu 9/29/11																	
813	Operation	1825 days	Thu 9/29/11	Wed 9/26/18																	
814	<b>In-Situ Bioremediation of Groundwater</b>	<b>2223 days</b>	<b>Mon 8/2/10</b>	<b>Wed 2/6/19</b>																	
815	<b>Workplan</b>	<b>71 days</b>	<b>Mon 8/2/10</b>	<b>Mon 11/8/10</b>																	
816	Workplan Preparation and Submittal to NDEP	21 days	Mon 8/2/10	Mon 8/30/10																	
817	NDEP Review and Prelim Approval (Bench Scale Studies)	15 days	Tue 8/31/10	Mon 9/20/10	816																
818	Respond to Comments/WP Finalization	25 days	Tue 9/21/10	Mon 10/25/10	817																
819	NDEP Approval	10 days	Tue 10/26/10	Mon 11/8/10	818																
820	<b>Pilot Test Implementation</b>	<b>286 days</b>	<b>Tue 9/14/10</b>	<b>Tue 10/18/11</b>																	
821	<b>Bench Scale Study</b>	<b>122 days</b>	<b>Tue 9/14/10</b>	<b>Wed 3/2/11</b>																	
822	Contractor Selection	54 days	Tue 9/14/10	Fri 11/26/10	817FS-5 days																
823	Notice to Proceed	0 days	Fri 12/3/10	Fri 12/3/10	822FS+5 days																
824	<b>Implementation</b>	<b>63 days</b>	<b>Mon 12/6/10</b>	<b>Wed 3/2/11</b>																	
825	Collect Soil and Water Materials	3 days	Mon 12/6/10	Wed 12/8/10	817FS+5 days,823																
826	Analyze Soil and Water Materials	10 days	Thu 12/9/10	Wed 12/22/10	825																
827	Implement Bench Scale Study	20 days	Thu 12/23/10	Wed 1/19/11	826																
828	Complete Post Test Analyses	10 days	Thu 1/20/11	Wed 2/2/11	827																
829	Prepare Bench Scale Study Tech Memo	20 days	Thu 2/3/11	Wed 3/2/11	828																
830	Memo Preparation and Submit to NDEP	20 days	Thu 2/3/11	Wed 3/2/11																	
831	<b>Pilot Scale Demonstration</b>	<b>161 days</b>	<b>Tue 3/8/11</b>	<b>Tue 10/18/11</b>																	
832	Install Pilot Study Monitoring Locations	10 days	Tue 3/8/11	Mon 3/21/11																	
833	Sample Pilot Study Monitoring Locations	1 day	Tue 3/22/11	Tue 3/22/11	832																
834	In-Situ Reagent Injection	20 days	Wed 3/23/11	Tue 4/19/11	833																
835	Conduct Pilot Study Monitoring	130 days	Wed 4/20/11	Tue 10/18/11	834																
836	<b>Pilot Test Evaluation Report</b>	<b>50 days</b>	<b>Wed 10/19/11</b>	<b>Tue 12/27/11</b>																	



Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary   
 Progress Summary Rolled Up Milestone Split Project Summary Deadline

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# Tronox Remediation Program Schedule February 5, 2011







ID	Task Name	Duration	Start	Finish	Predecessors	Q3		Q4		Q1		Q2		Q3	
						J	J	A	S	O	N	D	J	F	A
902	Revise Work Plan / RTC	3 days	Tue 6/1/10	Thu 6/3/10											
903	Submit Final Work Plan	0 days	Fri 5/28/10	Fri 5/28/10	902										
904	MODFLOW model development	116 days	Mon 5/3/10	Mon 10/4/10											
905	MODFLOW model calibration and simulations	75 days	Mon 8/30/10	Fri 12/10/10											
906	<b>Capture reporting</b>	<b>120 days</b>	<b>Fri 8/6/10</b>	<b>Thu 1/20/11</b>											
907	Capture analysis	86 days	Fri 8/6/10	Fri 12/3/10											
908	Report preparation and submittal	45 days	Mon 10/4/10	Fri 12/3/10											
909	Submit RTC to Hydrogeologic Model Inputs Memo, Errata	0 days	Fri 12/10/10	Fri 12/10/10											
910	NDEP review and comment	30 days	Fri 12/10/10	Thu 1/20/11	909										
911	<b>Groundwater Assessment Report</b>	96 days	Mon 10/4/10	Mon 2/14/11											
912	Report preparation and submittal to NDEP	96 days	Mon 10/4/10	Mon 2/14/11											
913	<b>Groundwater System OMM - 2011</b>	<b>563 days</b>	<b>Thu 11/12/09</b>	<b>Mon 1/2/12</b>											
914	<b>Groundwater collection and treatment (Veolia)</b>	<b>563 days</b>	<b>Thu 11/12/09</b>	<b>Mon 1/2/12</b>											
915	Veolia O&M and sampling	563 days	Thu 11/12/09	Mon 1/2/12											
916	<b>2011 Annual Groundwater Monitoring Event</b>	<b>45 days</b>	<b>Mon 5/2/11</b>	<b>Fri 7/1/11</b>											
917	Groundwater Sampling	30 days	Mon 5/2/11	Fri 6/10/11											
918	Laboratory Analysis	15 days	Mon 6/13/11	Fri 7/1/11	917										
919	<b>Compliance Reporting</b>	<b>210 days</b>	<b>Mon 1/10/11</b>	<b>Fri 10/28/11</b>											
920	<b>DMRs</b>	<b>210 days</b>	<b>Mon 1/10/11</b>	<b>Fri 10/28/11</b>											
921	<b>Fourth Quarter 2010</b>	<b>15 days</b>	<b>Mon 1/10/11</b>	<b>Fri 1/28/11</b>											
922	Report Preparation	10 days	Mon 1/10/11	Fri 1/21/11											
923	Agency Submittal	0 days	Fri 1/28/11	Fri 1/28/11	922FS+5 days										
924	<b>First Quarter 2011</b>	<b>14 days</b>	<b>Mon 4/11/11</b>	<b>Thu 4/28/11</b>											
925	Report Preparation	10 days	Mon 4/11/11	Fri 4/22/11											
926	Agency Submittal	0 days	Thu 4/28/11	Thu 4/28/11	925FS+4 days										
927	<b>Second Quarter 2011</b>	<b>14 days</b>	<b>Mon 7/11/11</b>	<b>Thu 7/28/11</b>											
928	Report Preparation	10 days	Mon 7/11/11	Fri 7/22/11											
929	Agency Submittal	0 days	Thu 7/28/11	Thu 7/28/11	928FS+4 days										
930	<b>Third Quarter 2011</b>	<b>15 days</b>	<b>Mon 10/10/11</b>	<b>Fri 10/28/11</b>											
931	Report Preparation and Agency Submittal	10 days	Mon 10/10/11	Fri 10/21/11											
932	Agency Submittal	0 days	Fri 10/28/11	Fri 10/28/11	931FS+5 days										
933	<b>UIC permit reports</b>	<b>205 days</b>	<b>Mon 1/10/11</b>	<b>Fri 10/21/11</b>											
934	<b>Fourth Quarter 2010</b>	<b>15 days</b>	<b>Mon 1/10/11</b>	<b>Fri 1/28/11</b>											
935	Report Preparation	10 days	Mon 1/10/11	Fri 1/21/11											
936	Agency Submittal (with 3rd Qtr 2010 report)	0 days	Fri 1/28/11	Fri 1/28/11	935FS+5 days										
937	<b>First Quarter 2011</b>	<b>10 days</b>	<b>Mon 4/11/11</b>	<b>Fri 4/22/11</b>											
938	Report Preparation	10 days	Mon 4/11/11	Fri 4/22/11											
939	<b>Second Quarter 2011</b>	<b>14 days</b>	<b>Mon 7/11/11</b>	<b>Thu 7/28/11</b>											
940	Report Preparation	10 days	Mon 7/11/11	Fri 7/22/11											
941	Agency Submittal	0 days	Thu 7/28/11	Thu 7/28/11	940FS+4 days										
942	<b>Third Quarter 2011</b>	<b>10 days</b>	<b>Mon 10/10/11</b>	<b>Fri 10/21/11</b>											
943	Report Preparation (to be submitted w/ 4th Qtr report)	10 days	Mon 10/10/11	Fri 10/21/11											
944	<b>Semiannual Reporting</b>	<b>260 days</b>	<b>Mon 1/3/11</b>	<b>Fri 12/30/11</b>											
945	Data management	260 days	Mon 1/3/11	Fri 12/30/11											
946	Data validation	260 days	Mon 1/3/11	Fri 12/30/11											
947	<b>Semiannual Performance Report (Feb)</b>	<b>31 days</b>	<b>Mon 1/17/11</b>	<b>Tue 3/1/11</b>											







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# Tronox Remediation Program Schedule February 5, 2011

ID	Task Name	Duration	Start	Finish	Predecessors	Q3			Q4			Q1			Q2			Q3		
						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
948	Report Preparation	30 days	Mon 1/17/11	Fri 2/25/11																
949	Submittal to NDEP	0 days	Tue 3/1/11	Tue 3/1/11	948															
950	<b>Annual Performance Report (Aug)</b>	<b>30 days</b>	<b>Mon 7/18/11</b>	<b>Mon 8/29/11</b>																
951	Report Preparation	30 days	Mon 7/18/11	Fri 8/26/11																
952	Report Submittal to NDEP	0 days	Mon 8/29/11	Mon 8/29/11	951															
953	All Parties Groundwater Meeting	1 day	Wed 12/8/10	Wed 12/8/10																

Task  Milestone  Rolled Up Task  Rolled Up Progress  External Tasks  Group By Summary 

Progress  Summary  Rolled Up Milestone  Split  Project Summary  Deadline 

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