

Tronox Remediation Program Schedule October 5, 2010

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	J
1	Phase B Soil Investigation/Remediation Program	777 days	Mon 7/7/08	Tue 6/21/11																
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	Phase B Remediation Supplemental Sampling	304 days	Mon 11/23/09	Thu 1/13/11																
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	169 days	Thu 2/11/10	Wed 9/29/10																
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)	169 days	Fri 2/12/10	Wed 9/29/10																
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																
76	Sample Collection	1 day	Mon 8/9/10	Mon 8/9/10																
77	Analyses/Treatability Study	20 days	Tue 8/10/10	Mon 9/6/10	76															
78	Acceptance	5 days	Tue 9/7/10	Mon 9/13/10	77															
79	LOU 10 - Haz Waste Landfill	149 days	Fri 3/12/10	Wed 9/29/10	70FS+20 days															
80	Submission of data to US Ecology, data eval, coordination	100 days	Fri 3/12/10	Thu 7/22/10																
81	Sample Collection	1 day	Fri 8/6/10	Fri 8/6/10	80FS+10 days															
82	Preliminary Analyses/Treatability Study	15 days	Mon 8/9/10	Fri 8/27/10	81															
83	Additional Analyses	5 days	Mon 9/20/10	Fri 9/24/10	82FS+15 days															
84	Acceptance	3 days	Mon 9/27/10	Wed 9/29/10	83															
85	Data Validation and DVSR (Area I/II Supplemental Sampling)	118 days	Mon 2/15/10	Wed 7/21/10																
94	Dioxin TEQ Bioaccessability Study	82 days	Mon 2/1/10	Tue 5/25/10																
118	Pre-Confirmation Sampling	240 days	Fri 2/19/10	Thu 1/13/11																
119	Scoping	4 days	Fri 2/19/10	Wed 2/24/10	58FS-5 days															
120	NDEP Meeting	1 day	Mon 2/22/10	Mon 2/22/10	119SS+1 day															
121	Work Plan	19 days	Thu 2/25/10	Tue 3/23/10																
127	Bid Development	10 days	Mon 3/15/10	Fri 3/26/10																
132	Field Work	152 days	Wed 3/24/10	Thu 10/14/10																
133	Mobilization	5 days	Mon 3/29/10	Fri 4/2/10	131															
134	RZ-B	12 days	Wed 3/24/10	Thu 4/8/10																
137	RZ-C	16 days	Fri 3/26/10	Fri 4/16/10																
140	RZ-D	18 days	Fri 4/2/10	Tue 4/27/10																
143	RZ-E**	16 days	Fri 4/9/10	Fri 4/30/10																
146	Additional Step-Out Sampling	91 days	Thu 5/13/10	Thu 9/9/10																
147	First Phase	45 days	Thu 5/13/10	Wed 7/7/10																
150	Second Phase	41 days	Thu 7/15/10	Thu 9/9/10																
151	Field Coordination/GBP	7 days	Thu 7/15/10	Fri 7/23/10	167FS-15 days															
152	Field Sampling	34 days	Mon 7/26/10	Thu 9/9/10	151															
153	Laboratory Analysis	147 days	Wed 3/31/10	Thu 10/14/10																
154	Screening Laboratory Analysis	91 days	Wed 3/31/10	Wed 7/28/10																

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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Tronox Remediation Program Schedule October 5, 2010

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	
155	Mobilization	3 days	Wed 3/31/10	Fri 4/2/10	130,136SS-3 day																	
156	Screening Analysis	88 days	Mon 4/5/10	Wed 7/28/10																		
162	Fixed Lab Analysis	129 days	Mon 4/26/10	Thu 10/14/10																		
163	RZ-B	20 days	Mon 4/26/10	Fri 5/21/10	157																	
164	RZ-C	20 days	Fri 4/30/10	Thu 5/27/10	158																	
165	RZ-D	20 days	Mon 5/10/10	Fri 6/4/10	159																	
166	RZ-E	20 days	Wed 5/19/10	Fri 6/11/10	160																	
167	Additional Step-Out	20 days	Thu 7/8/10	Wed 8/4/10	149																	
168	Additional Step-Out (second phase)	25 days	Fri 9/10/10	Thu 10/14/10	152																	
169	Data Validation	129 days	Mon 5/24/10	Thu 11/11/10																		
170	RZ-B	20 days	Mon 5/24/10	Wed 6/16/10																		
173	RZ-C	20 days	Fri 5/28/10	Mon 6/21/10																		
176	RZ-D	20 days	Sat 6/5/10	Sun 6/27/10																		
179	RZ-E	20 days	Mon 6/14/10	Tue 7/6/10																		
182	Step-Out Sampling	20 days	Fri 10/15/10	Thu 11/11/10																		
183	DV EDDs	15 days	Fri 10/15/10	Thu 11/4/10	167,168																	
184	Data Validation Summary Tables	5 days	Fri 11/5/10	Thu 11/11/10	183																	
185	Data Validation Summary Report - RZ Sampling	154 days	Thu 6/17/10	Thu 1/13/11																		
186	RZ-B	44 days	Thu 6/17/10	Thu 8/12/10																		
192	RZ-C	49 days	Tue 6/22/10	Wed 8/25/10																		
198	RZ-D	63 days	Mon 6/28/10	Wed 9/22/10																		
206	RZ-E	39 days	Wed 7/7/10	Mon 8/30/10																		
212	Step-Out Sampling	45 days	Fri 11/12/10	Thu 1/13/11																		
213	Draft DVSR	20 days	Fri 11/12/10	Thu 12/9/10	184																	
214	Submit to NDEP	0 days	Thu 12/9/10	Thu 12/9/10	213																	
215	NDEP Review	10 days	Fri 12/10/10	Thu 12/23/10	214																	
216	Respond to Comments/DVSR Finalization	10 days	Fri 12/24/10	Thu 1/6/11	215																	
217	NDEP Review and Approval	5 days	Fri 1/7/11	Thu 1/13/11	216																	
218	Removal Action Work Plan (Including PAMP, SWPPP)	198 days	Mon 2/8/10	Wed 11/3/10																		
219	RAW Document	134 days	Mon 2/8/10	Thu 8/5/10																		
232	RZ-B Excavation Plan	81 days	Fri 5/14/10	Fri 8/27/10																		
243	RZ-C Excavation Plan	94 days	Fri 6/11/10	Fri 10/15/10																		
244	EP Preparation	21 days	Fri 6/11/10	Tue 7/6/10	158,164FF+4 day																	
245	Submit to NDEP	0 days	Tue 7/6/10	Tue 7/6/10	244																	
246	NDEP Preliminary Review	5 days	Wed 7/7/10	Tue 7/13/10	245																	
247	NDEP Review	10 days	Wed 7/14/10	Tue 7/27/10	246																	
248	Respond to Comments/EP Finalization	28 days	Wed 7/28/10	Fri 9/3/10	247,175FS+10 d																	
249	NDEP Review and Approve EP	30 days	Mon 9/6/10	Fri 10/15/10	248																	
250	RZ-D Excavation Plan	78 days	Fri 5/28/10	Tue 9/7/10																		
251	EP Preparation	17 days	Fri 5/28/10	Thu 6/17/10	159FS+5 days,1f																	
252	Submit to NDEP	0 days	Thu 6/17/10	Thu 6/17/10	251																	
253	NDEP Preliminary Review	5 days	Fri 6/18/10	Wed 6/23/10	252																	
254	NDEP Review	10 days	Thu 6/24/10	Mon 7/5/10	253																	
255	Respond to Comments/EP Finalization	10 days	Tue 7/6/10	Mon 7/19/10	254,178FS+3 day																	
256	RTC and Errata	26 days	Tue 7/20/10	Tue 8/24/10	255																	
257	NDEP Review and Approval	10 days	Wed 8/25/10	Tue 9/7/10	256																	

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						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
258	RZ-E Excavation Plan**	121 days	Wed 5/26/10	Wed 11/3/10																		
259	EP Preparation	35 days	Wed 5/26/10	Tue 7/6/10	166FF+5 days,16																	
260	Submit to NDEP	0 days	Tue 7/6/10	Tue 7/6/10	259																	
261	NDEP Review	10 days	Wed 7/7/10	Tue 7/20/10	260																	
262	Respond to Comments/EP Finalization**	30 days	Thu 9/16/10	Wed 10/27/10	181,261FS+41 d																	
263	NDEP Review and Approve EP**	5 days	Thu 10/28/10	Wed 11/3/10	262																	
264	Contractor Plans And Specifications/Contractor Selection	208 days	Mon 2/22/10	Wed 12/1/10																		
265	Demolition	114 days	Fri 2/26/10	Wed 7/28/10																		
283	Remediation	190 days	Thu 3/18/10	Wed 12/1/10																		
284	Mn Tailings	28 days	Thu 3/18/10	Mon 4/26/10																		
290	RZ-B Unit Buildings	5 days	Mon 7/19/10	Fri 7/23/10																		
293	Site Wide - (based on Area B and D, supplements to follow)	55 days	Fri 6/4/10	Thu 8/12/10																		
301	RZ-C	14 days	Mon 9/20/10	Thu 10/7/10																		
302	Prepare Remediation Plans and Specifications	10 days	Mon 9/20/10	Fri 10/1/10	249FS-20 days																	
303	Review Plans and Specifications (Tronox, Chartis)	3 days	Mon 10/4/10	Wed 10/6/10	302																	
304	Issue Plans and Specifications	1 day	Thu 10/7/10	Thu 10/7/10	303																	
305	RZ-E**	20 days	Thu 11/4/10	Wed 12/1/10																		
306	Prepare Remediation Plans and Specifications**	10 days	Thu 11/4/10	Wed 11/17/10	263																	
307	Review Plans and Specifications (Tronox, Chartis)**	5 days	Thu 11/18/10	Wed 11/24/10	306																	
308	Issue Plans and Specifications**	5 days	Thu 11/25/10	Wed 12/1/10	307																	
309	Grading and Dust Monitoring Permit	150 days	Mon 2/22/10	Fri 9/10/10																		
310	Parcels C, D, F, G, and H	20 days	Mon 2/22/10	Fri 3/19/10																		
311	Permits - Mn Tailings	15 days	Mon 3/8/10	Fri 3/26/10																		
312	Permits - RZ	14 days	Wed 7/21/10	Mon 8/9/10	296																	
313	Contractor Submits Grading and DMP	5 days	Thu 8/12/10	Wed 8/18/10	299																	
314	Clark County Review/Permitting	17 days	Thu 8/19/10	Fri 9/10/10	313																	
315	Well Removal and Replacement (If required)	56 days	Thu 10/7/10	Thu 12/23/10																		
316	RZ-C	54 days	Mon 10/11/10	Thu 12/23/10																		
317	Well Abandonment	10 days	Mon 10/11/10	Fri 10/22/10																		
318	Permitting	5 days	Mon 10/11/10	Fri 10/15/10	395SS-5 days																	
319	Mobilization	3 days	Mon 10/18/10	Wed 10/20/10	318																	
320	Well Abandonment - Field Activities	2 days	Thu 10/21/10	Fri 10/22/10	319																	
321	Well Reinstallation	13 days	Tue 12/7/10	Thu 12/23/10																		
322	Permitting	5 days	Tue 12/7/10	Mon 12/13/10	445SS																	
323	Mobilization	3 days	Tue 12/14/10	Thu 12/16/10	322																	
324	Well Installation	3 days	Fri 12/17/10	Tue 12/21/10	320,323																	
325	Well Development	2 days	Wed 12/22/10	Thu 12/23/10	324																	
326	RZ-D	45 days	Thu 10/7/10	Wed 12/8/10																		
327	Well Abandonment	10 days	Thu 10/7/10	Wed 10/20/10																		
328	Permitting	5 days	Thu 10/7/10	Wed 10/13/10	402FS+10 days																	
329	Mobilization	3 days	Thu 10/14/10	Mon 10/18/10	328																	
330	Well Abandonment - Field Activities	2 days	Tue 10/19/10	Wed 10/20/10	329																	
331	Well Reinstallation	17 days	Tue 11/16/10	Wed 12/8/10																		
332	Permitting	5 days	Tue 11/16/10	Mon 11/22/10	446SS																	
333	Mobilization	3 days	Tue 11/23/10	Thu 11/25/10	332																	
334	Well Installation	6 days	Fri 11/26/10	Fri 12/3/10	330,333																	

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						J	A	S	O	N	D	J	F	A	M
335	Well Development	3 days	Mon 12/6/10	Wed 12/8/10	334										
336	Soil Remediation	656 days	Mon 7/7/08	Mon 1/3/11											
337	Identify Backfill Source(s)	130 days	Mon 4/5/10	Fri 9/24/10											
338	Identify Potential Sources	75 days	Mon 4/5/10	Fri 7/9/10											
339	"Phase I" Evaluations	40 days	Mon 6/28/10	Fri 8/20/10	338FS-10 days										
340	Soil Certification (if required)	35 days	Mon 8/9/10	Fri 9/24/10	339FS-10 days										
341	Soil Sampling and Analysis	20 days	Mon 8/9/10	Fri 9/3/10											
342	Evaluation	15 days	Mon 9/6/10	Fri 9/24/10	341										
343	Implementation of SWPPP Measures	20 days	Thu 8/12/10	Wed 9/8/10											
344	Site Wide	20 days	Thu 8/12/10	Wed 9/8/10	299										
345	Beta Ditch	10 days	Thu 8/12/10	Wed 8/25/10	299										
346	Parcel C, D, F, G, H WP Approval**	0 days	Mon 7/7/08	Mon 7/7/08											
347	Parcels C, D, F, G and H	57 days	Mon 2/15/10	Tue 5/4/10											
348	Contractor Selection	20 days	Mon 2/15/10	Fri 3/12/10	346										
349	Notice to Proceed	0 days	Fri 3/12/10	Fri 3/12/10	348										
350	Parcels F, G and H	27 days	Mon 3/22/10	Tue 4/27/10	349										
354	Parcels C and D	17 days	Mon 4/12/10	Tue 5/4/10											
358	Mn Tailings	127 days	Mon 4/26/10	Tue 10/12/10											
359	Tailings Removal	66 days	Mon 4/26/10	Mon 7/19/10											
364	Confirmation Sampling	79 days	Sat 6/26/10	Tue 10/12/10											
365	Confirmation Sampling Workplan	34 days	Sat 6/26/10	Tue 8/10/10											
373	Field Sampling	5 days	Wed 9/1/10	Tue 9/7/10	372FS+15 days										
374	Analysis	25 days	Wed 9/8/10	Tue 10/12/10	373										
375	Remediation Zones	177 days	Fri 5/7/10	Mon 1/3/11											
376	Contractor Mob	4 days	Tue 8/3/10	Fri 8/6/10	292FS+6 days										
377	RZ-B Unit Buildings	99 days	Tue 8/10/10	Fri 12/24/10											
378	Unit 1 Building	22 days	Tue 8/10/10	Wed 9/8/10											
379	Excavate, Transport to TSDF	22 days	Tue 8/10/10	Wed 9/8/10	376,312										
380	Dust Monitoring	22 days	Tue 8/10/10	Wed 9/8/10	379SS										
381	Perimeter Air Monitoring	22 days	Tue 8/10/10	Wed 9/8/10	380SS										
382	Unit 2 Building	18 days	Wed 12/1/10	Fri 12/24/10											
383	Notice to Proceed	1 day	Wed 12/1/10	Wed 12/1/10											
384	Excavate, Transport to TSDF	15 days	Mon 12/6/10	Fri 12/24/10	383FS+2 days										
385	Dust Monitoring	15 days	Mon 12/6/10	Fri 12/24/10	384SS										
386	Perimeter Air Monitoring	15 days	Mon 12/6/10	Fri 12/24/10	385SS										
387	RZ-B	61 days	Mon 8/23/10	Mon 11/15/10											
388	Remove Debris and Obstructions	25 days	Mon 8/23/10	Fri 9/24/10	299,376FS+10 d										
389	Remove Applicable Utilities	25 days	Mon 8/23/10	Fri 9/24/10	388SS										
390	Install Temporary Critical Utilities	2 days	Mon 9/27/10	Tue 9/28/10	389										
391	Excavate, Transport to TSDF*	46 days	Mon 9/13/10	Mon 11/15/10	299,376,312,314										
392	Dust Monitoring	46 days	Mon 9/13/10	Mon 11/15/10	391SS										
393	Perimeter Air Monitoring	46 days	Mon 9/13/10	Mon 11/15/10	392SS										
394	RZ-C	36 days	Mon 10/18/10	Mon 12/6/10											
395	Remove Debris and Obstructions	5 days	Mon 10/18/10	Fri 10/22/10	304,299,391FS-2										
396	Remove Applicable Utilities	5 days	Mon 10/18/10	Fri 10/22/10	395SS										
397	Install Temporary Critical Utilities	5 days	Mon 10/25/10	Fri 10/29/10	396										

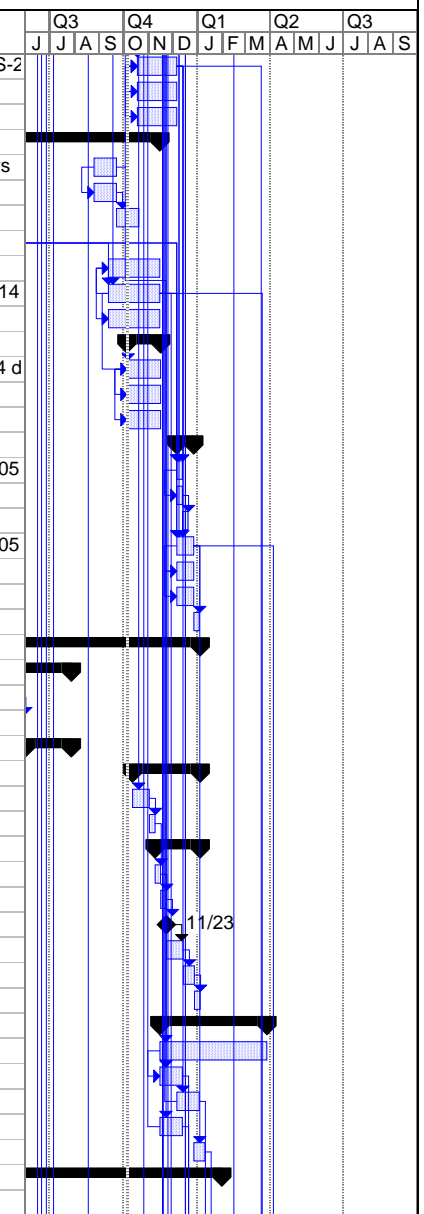
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						J	A	S	O	N	D	J	F	M	A
398	Excavate, Transport to TSDF	35 days	Tue 10/19/10	Mon 12/6/10	304,299,391FS-2										
399	Dust Monitoring	35 days	Tue 10/19/10	Mon 12/6/10	398SS										
400	Perimeter Air Monitoring	35 days	Tue 10/19/10	Mon 12/6/10	399SS										
401	RZ-D	142 days	Fri 5/7/10	Mon 11/15/10											
402	Remove Debris and Obstructions	20 days	Thu 8/26/10	Wed 9/22/10	299FS+10 days										
403	Remove Applicable Utilities	20 days	Thu 8/26/10	Wed 9/22/10	402SS										
404	Install Temporary Critical Utilities	20 days	Thu 9/23/10	Wed 10/20/10	403										
405	Haul Road Development	5 days	Fri 5/7/10	Thu 5/13/10	360										
406	Dust Monitoring	46 days	Mon 9/13/10	Mon 11/15/10	407SS										
407	Excavate, Transport to TSDF*	46 days	Mon 9/13/10	Mon 11/15/10	299,360,405,314										
408	Perimeter Air Monitoring	46 days	Mon 9/13/10	Mon 11/15/10	406SS										
409	LOU 10	30 days	Wed 10/6/10	Tue 11/16/10											
410	Dust Monitoring	30 days	Wed 10/6/10	Tue 11/16/10	407SS,84FS+4 d										
411	Excavate, Transport to TSDF*	30 days	Wed 10/6/10	Tue 11/16/10	410SS										
412	Perimeter Air Monitoring	30 days	Wed 10/6/10	Tue 11/16/10	410SS										
413	RZ-E**	15 days	Tue 12/7/10	Mon 12/27/10											
414	Remove Debris and Obstructions**	5 days	Tue 12/7/10	Mon 12/13/10	308,299,407,405										
415	Remove Applicable Utilities**	5 days	Tue 12/7/10	Mon 12/13/10	414SS										
416	Install Temporary Critical Utilities**	5 days	Tue 12/14/10	Mon 12/20/10	415										
417	Excavate, Transport to TSDF**	15 days	Tue 12/7/10	Mon 12/27/10	308,299,407,405										
418	Dust Monitoring**	15 days	Tue 12/7/10	Mon 12/27/10	417SS										
419	Perimeter Air Monitoring**	15 days	Tue 12/7/10	Mon 12/27/10	418SS										
420	Contractor Demobilization	5 days	Tue 12/28/10	Mon 1/3/11	417										
421	Data Validation and DVSR Reports	180 days	Wed 5/5/10	Tue 1/4/11											
422	Parcel C, D, F, G, & H	66 days	Wed 5/5/10	Wed 7/28/10											
423	Data Validation	15 days	Wed 5/5/10	Tue 5/25/10	353,357										
424	DV Summary Tables	5 days	Wed 5/26/10	Tue 6/1/10	423										
425	Data Validation Summary Report	46 days	Wed 6/2/10	Wed 7/28/10											
432	Manganese Tails Area	60 days	Wed 10/13/10	Tue 1/4/11											
433	Data Validation	15 days	Wed 10/13/10	Tue 11/2/10	374										
434	DV Summary Tables	5 days	Wed 11/3/10	Tue 11/9/10	433										
435	Data Validation Summary Report	40 days	Wed 11/10/10	Tue 1/4/11											
436	Internal Draft DVSR	5 days	Wed 11/10/10	Tue 11/16/10	434										
437	Client Review/Draft Finalization	5 days	Wed 11/17/10	Tue 11/23/10	436										
438	Submit to NDEP	0 days	Tue 11/23/10	Tue 11/23/10	437										
439	NDEP Review	15 days	Wed 11/24/10	Tue 12/14/10	438										
440	Respond to Comments/DVSR Finalization	10 days	Wed 12/15/10	Tue 12/28/10	439										
441	NDEP Approval	5 days	Wed 12/29/10	Tue 1/4/11	440										
442	Replace Utility Lines as Necessary	95 days	Tue 11/16/10	Mon 3/28/11											
443	Perimeter Air Monitoring (if necessary)	95 days	Tue 11/16/10	Mon 3/28/11	391										
444	RZ-B	20 days	Tue 11/16/10	Mon 12/13/10	391,443SS										
445	RZ-C	20 days	Tue 12/7/10	Mon 1/3/11	398										
446	RZ-D	20 days	Tue 11/16/10	Mon 12/13/10	407										
447	RZ-E**	10 days	Tue 12/28/10	Mon 1/10/11	417										
448	Environmental Covenants	241 days	Mon 3/8/10	Mon 1/31/11											
449	EC Working Document Preparation (part of RAW)	43 days	Mon 3/8/10	Wed 5/5/10											



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						J	A	S	O	N	D	J	F	M	A
450	Submit EC Working Doc to NDEP	0 days	Wed 5/5/10	Wed 5/5/10	449										
451	NDEP Review	20 days	Thu 5/6/10	Wed 6/2/10	450										
452	Submit EC Doc with Final EC Areas	24 days	Fri 9/3/10	Wed 10/6/10	451,183FS-45 da										
453	Respond to Comments/WP Finalization	10 days	Thu 10/7/10	Wed 10/20/10	452										
454	NDEP Prelim approval	20 days	Thu 10/21/10	Wed 11/17/10	453										
455	NDEP Approval	20 days	Thu 11/18/10	Wed 12/15/10	454										
456	Develop Risk Management Plan	72 days	Thu 10/21/10	Fri 1/28/11											
457	RMP Preparation	22 days	Thu 10/21/10	Fri 11/19/10	453										
458	Submit RMP to NDEP	0 days	Fri 11/19/10	Fri 11/19/10	457										
459	NDEP Review	20 days	Mon 11/22/10	Fri 12/17/10	458										
460	Respond to Comments/RMP Finalization	10 days	Mon 12/20/10	Fri 12/31/10	459										
461	NDEP Approval	20 days	Mon 1/3/11	Fri 1/28/11	460										
462	Cap Pond Berms	20 days	Tue 11/30/10	Mon 12/27/10	407FS+10 days										
463	Cap Remaining Impacted Soils -if necessary	33 days	Thu 12/16/10	Mon 1/31/11	455										
464	RZ-B	20 days	Thu 12/16/10	Wed 1/12/11	444										
465	RZ-C	20 days	Tue 1/4/11	Mon 1/31/11	445										
466	RZ-D	10 days	Thu 12/16/10	Wed 12/29/10	446										
467	RZ-E**	5 days	Tue 1/11/11	Mon 1/17/11	447										
468	Finish Grading	35 days	Wed 3/9/11	Tue 4/26/11											
469	RZ-B	20 days	Wed 3/9/11	Tue 4/5/11	464,519										
470	RZ-C	20 days	Tue 3/15/11	Mon 4/11/11	465,528										
471	RZ-D	10 days	Wed 3/30/11	Tue 4/12/11	466,537										
472	RZ-E**	10 days	Wed 4/13/11	Tue 4/26/11	467,546										
473	Human Health Risk Evaluation	387 days	Mon 1/4/10	Tue 6/21/11											
474	Human Health Risk WP	48 days	Mon 1/4/10	Wed 3/10/10											
478	Human Health Risk Evaluation/Reports	301 days	Tue 2/23/10	Tue 4/12/11											
479	Decision Unit Development	132 days	Tue 2/23/10	Wed 8/18/10											
487	Post Closure Risk Assessment	287 days	Mon 3/15/10	Tue 4/12/11											
488	RZ-A	105 days	Mon 3/15/10	Fri 7/30/10											
501	Parcel A/B Soil Gas**	10 days	Mon 10/18/10	Fri 10/29/10											
502	Respond to NDEP Comments**	10 days	Mon 10/18/10	Fri 10/29/10											
503	Parcel CDFGH **	99 days	Thu 9/9/10	Tue 1/25/11											
504	Data Evaluation	10 days	Thu 9/9/10	Wed 9/22/10	431FS+30 days										
505	Data Usability**	16 days	Thu 9/23/10	Thu 10/14/10	504										
506	Prepare HHRA**	23 days	Fri 10/15/10	Tue 11/16/10	505										
507	Submit RA to NDEP**	0 days	Tue 11/16/10	Tue 11/16/10	506										
508	NDEP Review and Comment**	20 days	Wed 11/17/10	Tue 12/14/10	507										
509	RTC and Revisions**	10 days	Wed 12/15/10	Tue 12/28/10	508										
510	NDEP Review and Approval**	20 days	Wed 12/29/10	Tue 1/25/11	509										
511	RZ-B: will actually be based on DU's once developed	192 days	Thu 6/17/10	Tue 3/8/11											
512	Data Evaluation	5 days	Thu 6/17/10	Tue 6/22/10	483,163										
513	Data Usability	4 days	Fri 11/12/10	Wed 11/17/10	512,187SF+4 da										
514	Preliminary Risk Calculations	4 days	Thu 11/18/10	Tue 11/23/10	513										
515	Prepare HHRA	23 days	Fri 11/26/10	Tue 12/28/10	514,188FF,184,2										
516	Submit RA to NDEP	0 days	Tue 12/28/10	Tue 12/28/10	515										
517	NDEP Review and Comment	20 days	Wed 12/29/10	Tue 1/25/11	516										

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 October 5, 2010

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
518	RTC and Revisions	10 days	Wed 1/26/11	Tue 2/8/11	517														
519	NDEP Review and Approval	20 days	Wed 2/9/11	Tue 3/8/11	518														
520	RZ-C: will actually be based on DU's once developed	192 days	Tue 6/22/10	Mon 3/14/11															
521	Data Evaluation	5 days	Tue 6/22/10	Sat 6/26/10	484,164														
522	Data Usability	4 days	Fri 11/12/10	Wed 11/17/10	521,193SF+4 day														
523	Preliminary Risk Calculations	4 days	Thu 11/18/10	Tue 11/23/10	522														
524	Prepare HHRA	27 days	Fri 11/26/10	Mon 1/3/11	523,194FF,213F														
525	Submit RA to NDEP	0 days	Mon 1/3/11	Mon 1/3/11	524														
526	NDEP Review and Comment	20 days	Tue 1/4/11	Mon 1/31/11	525														
527	RTC and Revisions	10 days	Tue 2/1/11	Mon 2/14/11	526														
528	NDEP Review and Approval	20 days	Tue 2/15/11	Mon 3/14/11	527														
529	RZ-D: will actually be based on DU's once developed	197 days	Mon 6/28/10	Tue 3/29/11															
530	Data Evaluation	5 days	Mon 6/28/10	Fri 7/2/10	485,165														
531	Data Usability	4 days	Fri 11/12/10	Wed 11/17/10	530,199SF+4 day														
532	Preliminary Risk Calculations	4 days	Thu 11/18/10	Tue 11/23/10	531														
533	Prepare HHRA	40 days	Wed 11/24/10	Tue 1/18/11	532,200FF														
534	Submit RA to NDEP	0 days	Tue 1/18/11	Tue 1/18/11	533														
535	NDEP Review and Comment	20 days	Wed 1/19/11	Tue 2/15/11	534														
536	RTC and Revisions	10 days	Wed 2/16/11	Tue 3/1/11	535														
537	NDEP Review and Approval	20 days	Wed 3/2/11	Tue 3/29/11	536														
538	RZ-E**	200 days	Wed 7/7/10	Tue 4/12/11															
539	Data Evaluation	5 days	Wed 7/7/10	Tue 7/13/10	486,166														
540	Data Usability**	4 days	Fri 11/12/10	Wed 11/17/10	539,207SF+4 day														
541	Preliminary Risk Calculations**	4 days	Thu 11/18/10	Tue 11/23/10	540														
542	Prepare HHRA**	50 days	Wed 11/24/10	Tue 2/1/11	541,208FF														
543	Submit RA to NDEP**	0 days	Tue 2/1/11	Tue 2/1/11	542														
544	NDEP Review and Comment**	20 days	Wed 2/2/11	Tue 3/1/11	543														
545	RTC and Revisions**	10 days	Wed 3/2/11	Tue 3/15/11	544														
546	NDEP Review and Approve RA**	20 days	Wed 3/16/11	Tue 4/12/11	545														
547	Site Wide Soil Gas Risk Assessment Report	101 days	Mon 9/6/10	Mon 1/24/11															
548	Data Evaluation	15 days	Mon 9/6/10	Fri 9/24/10															
549	Data Usability	16 days	Mon 9/27/10	Mon 10/18/10	548														
550	Prepare HHRA	20 days	Tue 10/19/10	Mon 11/15/10	549														
551	Submit RA to NDEP	0 days	Mon 11/15/10	Mon 11/15/10	550														
552	NDEP Review and Comment	20 days	Tue 11/16/10	Mon 12/13/10	551														
553	RTC and Revisions	10 days	Tue 12/14/10	Mon 12/27/10	552														
554	NDEP Review and Approve RA	20 days	Tue 12/28/10	Mon 1/24/11	553														
555	Soil Vapor Intrusion Evaluation and Mitigation	322 days	Mon 1/4/10	Tue 3/22/11															
556	Evaluate Soil Gas Data	10 days	Mon 1/4/10	Fri 1/15/10															
557	Evaluate Phase B Soil Data	10 days	Mon 1/18/10	Fri 1/29/10	556														
558	Evaluate Need for Mitigation	287 days	Mon 2/22/10	Tue 3/22/11															
559	IAQ Testing (if required)	287 days	Mon 2/22/10	Tue 3/22/11															
560	Evaluate need for IAQ Testing	10 days	Mon 2/22/10	Fri 3/5/10	557FS+15 days														
561	IAQ Testing Plan	40 days	Mon 3/8/10	Fri 4/30/10															
569	IAQ Testing Implementation	66 days	Wed 5/5/10	Wed 7/28/10															
578	IAQ Evaluation Report	64 days	Thu 8/12/10	Tue 11/9/10															

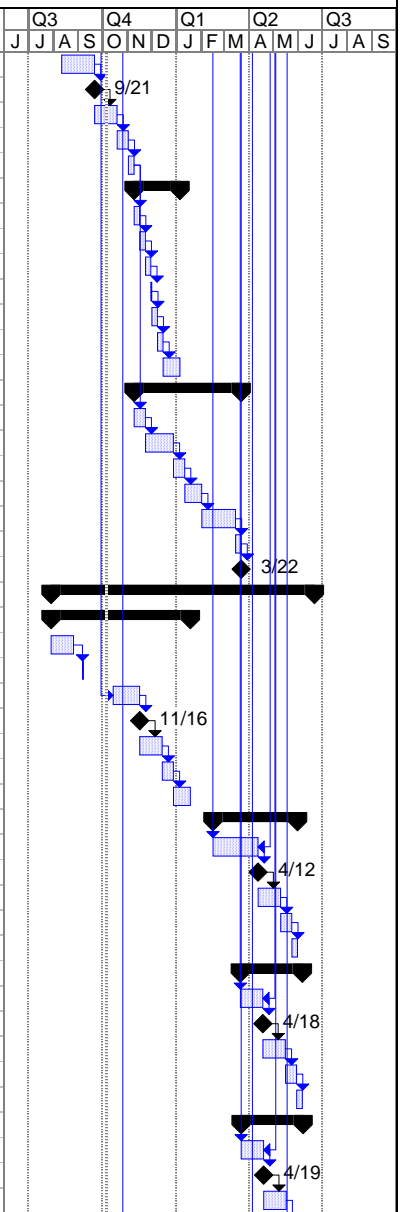
Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary

Progress Summary Rolled Up Milestone Split Project Summary Deadline

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Tronox Remediation Program Schedule October 5, 2010

ID	Task Name	Duration	Start	Finish	Predecessors	Q3		Q4			Q1			Q2		Q3		
						J	A	S	O	N	D	J	F	M	A	M	J	J
579	Prepare Report	29 days	Thu 8/12/10	Tue 9/21/10	577FS+10 days													
580	Submit to NDEP	0 days	Tue 9/21/10	Tue 9/21/10	579													
581	NDEP Review and Comments	20 days	Wed 9/22/10	Tue 10/19/10	580													
582	RTC and Revisions	10 days	Wed 10/20/10	Tue 11/2/10	581													
583	NDEP Approval	5 days	Wed 11/3/10	Tue 11/9/10	582													
584	Mitigation (if required) - existing buildings	41 days	Wed 11/10/10	Wed 1/5/11														
585	Prepare SOW/RFP for Contractor	5 days	Wed 11/10/10	Tue 11/16/10	583													
586	Review Contractor SOW (Tronox and Chartis)	5 days	Wed 11/17/10	Tue 11/23/10	585													
587	Issue RFP	5 days	Wed 11/24/10	Tue 11/30/10	586													
588	Bid Walk	1 day	Wed 12/1/10	Wed 12/1/10	587													
589	Bid Submittal Date	5 days	Thu 12/2/10	Wed 12/8/10	588													
590	Review Bids, Contract Negotiation and Award	5 days	Thu 12/9/10	Wed 12/15/10	589													
591	Implementation	15 days	Thu 12/16/10	Wed 1/5/11	590													
592	Mitigation (if required) - new buildings (schedule subject to chan	95 days	Wed 11/10/10	Tue 3/22/11														
593	Pilot Test Design	10 days	Wed 11/10/10	Tue 11/23/10	583													
594	Pilot Test Workplan/Approval	25 days	Wed 11/24/10	Tue 12/28/10	593													
595	Pilot Test	10 days	Wed 12/29/10	Tue 1/11/11	594													
596	System design	15 days	Wed 1/12/11	Tue 2/1/11	595													
597	Install Passive Sub Slab Depressurization	30 days	Wed 2/2/11	Tue 3/15/11	596													
598	System Start Up	5 days	Wed 3/16/11	Tue 3/22/11	597													
599	Operations and Maintenance (not scheduled)	0 days	Tue 3/22/11	Tue 3/22/11	598													
600	Closures**	233 days	Fri 7/30/10	Tue 6/21/11														
601	Parcel C, D, F, G and H**	123 days	Fri 7/30/10	Tue 1/18/11														
602	Data Evaluation	20 days	Fri 7/30/10	Thu 8/26/10	430FS+7 days													
603	Call with NDEP	1 day	Tue 9/7/10	Tue 9/7/10	602FS+7 days													
604	Prepare Closure Report**	23 days	Fri 10/15/10	Tue 11/16/10	506SS													
605	Submit CR to NDEP**	0 days	Tue 11/16/10	Tue 11/16/10	604													
606	NDEP Review and Comments**	20 days	Wed 11/17/10	Tue 12/14/10	605													
607	RTC and Revisions**	10 days	Wed 12/15/10	Tue 12/28/10	606													
608	NDEP Review and Approve CR**	15 days	Wed 12/29/10	Tue 1/18/11	607													
609	RZ-B: will actually be based on decision units once developed	75 days	Wed 2/16/11	Tue 5/31/11														
610	Prepare Closure Report	40 days	Wed 2/16/11	Tue 4/12/11	391,469FF+5 day													
611	Submit CR to NDEP	0 days	Tue 4/12/11	Tue 4/12/11	610													
612	NDEP Review and Comments	20 days	Wed 4/13/11	Tue 5/10/11	611													
613	RTC and Revisions	10 days	Wed 5/11/11	Tue 5/24/11	612													
614	NDEP Review and Approval	5 days	Wed 5/25/11	Tue 5/31/11	613													
615	RZ-C: will actually be based on decision units once developed	55 days	Tue 3/22/11	Mon 6/6/11														
616	Prepare Closure Report	20 days	Tue 3/22/11	Mon 4/18/11	398,470FF+5 day													
617	Submit CR to NDEP	0 days	Mon 4/18/11	Mon 4/18/11	616													
618	NDEP Review and Comments	20 days	Tue 4/19/11	Mon 5/16/11	617													
619	RTC and Revisions	10 days	Tue 5/17/11	Mon 5/30/11	618													
620	NDEP Review and Approval	5 days	Tue 5/31/11	Mon 6/6/11	619													
621	RZ-D: will actually be based on decision units once developed	55 days	Wed 3/23/11	Tue 6/7/11														
622	Prepare Closure Report	20 days	Wed 3/23/11	Tue 4/19/11	407,471FF+5 day													
623	Submit CR to NDEP	0 days	Tue 4/19/11	Tue 4/19/11	622													
624	NDEP Review and Comments	20 days	Wed 4/20/11	Tue 5/17/11	623													



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 October 5, 2010

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
625	RTC and Revisions	10 days	Wed 5/18/11	Tue 5/31/11	624																
626	NDEP Review and Approval	5 days	Wed 6/1/11	Tue 6/7/11	625																
627	RZ-E: will actually be based on decision units once developed**	55 days	Wed 4/6/11	Tue 6/21/11																	
628	Prepare Closure Report**	20 days	Wed 4/6/11	Tue 5/3/11	417,472FF+5 day																
629	Submit CR to NDEP**	0 days	Tue 5/3/11	Tue 5/3/11	628																
630	NDEP Review and Comments**	20 days	Wed 5/4/11	Tue 5/31/11	629																
631	RTC and Revisions**	10 days	Wed 6/1/11	Tue 6/14/11	630																
632	NDEP Review and Approval**	5 days	Wed 6/15/11	Tue 6/21/11	631																
633	Leaching/Groundwater Program	2328 days	Thu 11/12/09	Mon 10/8/18																	
634	Vadose Zone	2251 days	Mon 3/1/10	Mon 10/8/18																	
635	Background Analysis and Errata to Leaching Memo	32 days	Thu 9/2/10	Fri 10/15/10																	
636	Preparation and Submittal to NDEP	6 days	Thu 9/2/10	Thu 9/9/10																	
637	NDEP Review and Comment	23 days	Wed 9/8/10	Fri 10/8/10																	
638	Revised Memo	5 days	Mon 10/11/10	Fri 10/15/10	637																
639	Clean-Up Criteria	25 days	Mon 10/18/10	Fri 11/19/10																	
640	Develop Clean-Up Criteria and Prepare Tech Memo	20 days	Mon 10/18/10	Fri 11/12/10	638																
641	NDEP Review and Comment	5 days	Mon 11/15/10	Fri 11/19/10	640																
642	Soil Flushing/In-Situ Bioremediation	2251 days	Mon 3/1/10	Mon 10/8/18																	
643	Pilot Test Workplan	21 days	Mon 3/1/10	Mon 3/29/10																	
646	Revise and Finalize WP	61 days	Mon 3/29/10	Fri 6/18/10	645																
651	Pilot Test Implementation	2201 days	Mon 5/10/10	Mon 10/8/18																	
652	Contractor Selection	10 days	Sat 6/19/10	Tue 6/29/10	650																
653	Notice to Proceed	0 days	Tue 6/29/10	Tue 6/29/10	650,652																
654	Column Studies	144 days	Mon 5/10/10	Thu 11/18/10																	
655	Laboratory Studies	104 days	Mon 5/10/10	Thu 9/23/10																	
661	Column Study Tech Memo Submittal to NDEP	30 days	Fri 9/24/10	Thu 11/4/10	660																
662	NDEP Review Column Study Tech Memo	10 days	Fri 11/5/10	Thu 11/18/10	661																
663	Soil Flushing Pilot Test	236 days	Fri 10/1/10	Fri 8/26/11																	
664	Work Plan and Permitting	36 days	Fri 10/1/10	Fri 11/19/10																	
665	Prepare and submit Work Plan	11 days	Fri 10/1/10	Fri 10/15/10	660FS+5 days																
666	NDEP review & approval	10 days	Mon 10/18/10	Fri 10/29/10	665																
667	UIC permitting	15 days	Mon 11/1/10	Fri 11/19/10	666																
668	Installation and Pre-test sampling	65 days	Mon 10/4/10	Fri 12/31/10																	
669	Design, contracting, and procurement	20 days	Mon 10/4/10	Fri 10/29/10																	
670	Drip irrigation line installation	5 days	Mon 11/1/10	Fri 11/5/10	669																
671	Monitoring well installation & development	10 days	Mon 11/15/10	Fri 11/26/10	666FS+10 days																
672	Backfill and compaction of excavation area	5 days	Mon 11/8/10	Fri 11/12/10	670																
673	Installation of leachate collection points	10 days	Mon 11/15/10	Fri 11/26/10	672																
674	Pre-Test soil and water sampling	15 days	Mon 11/29/10	Fri 12/17/10	671,672																
675	Sample analysis	10 days	Mon 12/20/10	Fri 12/31/10	674																
676	Pilot Test Implementation	125 days	Mon 1/10/11	Fri 7/1/11	668FS+5 days																
677	Addition of flushing water	40 days	Mon 1/10/11	Fri 3/4/11	667FS+5 days,67																
678	Leachate monitoring	50 days	Mon 1/10/11	Fri 3/18/11	667FS+5 days,67																
679	Groundwater monitoring	125 days	Mon 1/10/11	Fri 7/1/11	667FS+5 days,67																
680	Post-test soil sampling	5 days	Mon 3/21/11	Fri 3/25/11	677FS+10 days																
681	Reporting	100 days	Mon 4/11/11	Fri 8/26/11																	

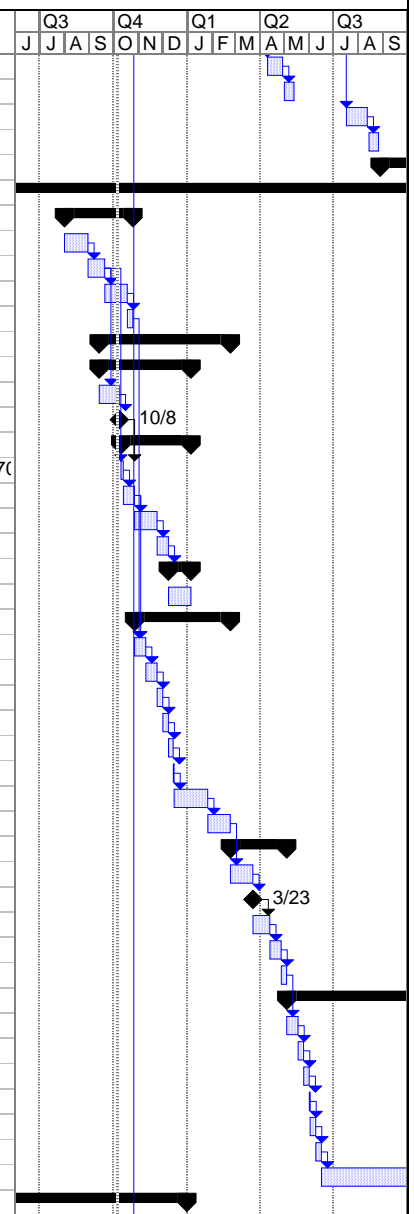
Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary

Progress Summary Rolled Up Milestone Split Project Summary Deadline

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Tronox Remediation Program Schedule October 5, 2010

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
682	Prepare and submit preliminary technical memo	15 days	Mon 4/11/11	Fri 4/29/11	680FS+10 days																
683	NDEP review	10 days	Mon 5/2/11	Fri 5/13/11	682																
684	Prepare and submit final technical memo	20 days	Mon 7/18/11	Fri 8/12/11	679FS+10 days																
685	NDEP review	10 days	Mon 8/15/11	Fri 8/26/11	684																
686	Full Scale Design, Installation, and Operation (if required)	1856 days	Mon 8/29/11	Mon 10/8/18																	
694	In-Situ Bioremediation of Groundwater	2151 days	Thu 3/25/10	Thu 6/14/18																	
695	Workplan	61 days	Mon 8/2/10	Mon 10/25/10																	
696	Workplan Preparation and Submittal to NDEP	21 days	Mon 8/2/10	Mon 8/30/10																	
697	NDEP Review and Prelim Approval (Bench Scale Studies)	15 days	Tue 8/31/10	Mon 9/20/10	696																
698	Respond to Comments/WP Finalization	20 days	Tue 9/21/10	Mon 10/18/10	697																
699	NDEP Approval	5 days	Tue 10/19/10	Mon 10/25/10	698																
700	Pilot Test Implementation	117 days	Tue 9/14/10	Wed 2/23/11																	
701	Bench Scale Study	82 days	Tue 9/14/10	Wed 1/5/11																	
702	Contractor Selection	19 days	Tue 9/14/10	Fri 10/8/10	697FS-5 days																
703	Notice to Proceed	0 days	Fri 10/8/10	Fri 10/8/10	702																
704	Implementation	63 days	Mon 10/11/10	Wed 1/5/11																	
705	Collect Soil and Water Materials	3 days	Mon 10/11/10	Wed 10/13/10	697FS+5 days, 704																
706	Analyze Soil and Water Materials	10 days	Thu 10/14/10	Wed 10/27/10	705																
707	Implement Bench Scale Study	20 days	Thu 10/28/10	Wed 11/24/10	706																
708	Complete Post Test Analyses	10 days	Thu 11/25/10	Wed 12/8/10	707																
709	Prepare Bench Scale Study Tech Memo	20 days	Thu 12/9/10	Wed 1/5/11	708																
710	Memo Preparation and Submit to NDEP	20 days	Thu 12/9/10	Wed 1/5/11																	
711	Pilot Scale Demonstration	85 days	Thu 10/28/10	Wed 2/23/11																	
712	Sample Candidate Pilot Study Areas	10 days	Thu 10/28/10	Wed 11/10/10	699, 706																
713	Analyze Samples from Candidate Areas	10 days	Thu 11/11/10	Wed 11/24/10	712																
714	Select Pilot Study Area	5 days	Thu 11/25/10	Wed 12/1/10	713																
715	Complete Analysis of Study Area	5 days	Thu 12/2/10	Wed 12/8/10	714																
716	Install Pilot Study Monitoring Locations	4 days	Thu 12/9/10	Tue 12/14/10	715																
717	Sample Pilot Study Monitoring Locations	1 day	Wed 12/15/10	Wed 12/15/10	716																
718	In-Situ Reagent Injection	30 days	Thu 12/16/10	Wed 1/26/11	717																
719	Complete Pilot Study Monitoring	20 days	Thu 1/27/11	Wed 2/23/11	718																
720	Pilot Test Evaluation Report	50 days	Thu 2/24/11	Wed 5/4/11																	
721	Report Preparation	20 days	Thu 2/24/11	Wed 3/23/11	719																
722	Submit Report to NDEP	0 days	Wed 3/23/11	Wed 3/23/11	721																
723	NDEP Review	15 days	Thu 3/24/11	Wed 4/13/11	722																
724	Respond to Comments/Report Finalization	10 days	Thu 4/14/11	Wed 4/27/11	723																
725	NDEP Approval	5 days	Thu 4/28/11	Wed 5/4/11	724																
726	Full Scale Design and Installation (if required)	1856 days	Thu 5/5/11	Thu 6/14/18																	
727	Prepare Remediation Plans and Specifications	10 days	Thu 5/5/11	Wed 5/18/11	725																
728	Review Plans and Specifications (Tronox, Chartis)	5 days	Thu 5/19/11	Wed 5/25/11	727																
729	Issue Plans and Specifications	5 days	Thu 5/26/11	Wed 6/1/11	728																
730	Bid Walk	1 day	Thu 6/2/11	Thu 6/2/11	729																
731	Bid Submittal Date	5 days	Fri 6/3/11	Thu 6/9/11	730																
732	Review Bids and Award Contract	5 days	Fri 6/10/11	Thu 6/16/11	731																
733	Installation/Operation	1825 days	Fri 6/17/11	Thu 6/14/18	732																
734	Capture Zone Evaluation and Reporting	207 days	Thu 3/25/10	Fri 12/31/10																	



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Tronox Remediation Program Schedule October 5, 2010

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						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
735	Develop Capture Zone Evaluation Work Plan	79 days	Thu 3/25/10	Wed 7/7/10																	
742	Capture enhancement and monitoring - IWF	159 days	Tue 4/20/10	Fri 11/19/10																	
743	Recovery and monitoring well installation	84 days	Tue 4/20/10	Fri 8/6/10																	
755	Install UMCf well cluster near Mn-Tails excavation	3 days	Wed 10/27/10	Fri 10/29/10	374FS+10 days																
756	Six UMCf monitoring well slug tests	15 days	Mon 8/16/10	Fri 9/3/10	754																
757	Connect additional recovery wells	135 days	Mon 5/24/10	Fri 11/19/10																	
758	Prepare RFPs / Design Specifications	91 days	Mon 5/24/10	Mon 9/20/10																	
759	Select Contractor(s)	20 days	Mon 8/23/10	Fri 9/17/10																	
760	Connect 4" Barrier Wall wells	20 days	Mon 9/13/10	Fri 10/8/10																	
761	Electrical Upgrade	30 days	Mon 10/11/10	Fri 11/19/10	760																
762	Connect Recovery Wells	30 days	Mon 10/11/10	Fri 11/19/10	760																
763	Capture enhancement and monitoring - ARWF	85 days	Thu 6/17/10	Fri 10/8/10																	
764	Recovery and monitoring well installation	28 days	Thu 6/17/10	Wed 7/21/10																	
773	Connect recovery wells to system	5 days	Mon 10/4/10	Fri 10/8/10																	
774	Plumb and connect modified well ART-7	5 days	Mon 10/4/10	Fri 10/8/10	772																
775	Capture enhancement and monitoring - SWF (ON HOLD)	0 days	Fri 12/3/10	Fri 12/3/10																	
778	Barrier Wall Evaluation	115 days	Mon 7/26/10	Fri 12/31/10																	
779	Backhoe pits and wall survey	4 days	Mon 7/26/10	Thu 7/29/10																	
780	Pump 'Dead Zone' wells, monitor trends	60 days	Mon 10/11/10	Fri 12/31/10	760																
781	Hydrogeologic Modeling	160 days	Mon 3/29/10	Fri 10/29/10																	
782	MODFLOW Model Work Plan	25 days	Mon 3/29/10	Fri 4/30/10																	
783	Submit Work Plan to NDEP	0 days	Fri 4/30/10	Fri 4/30/10	782																
784	NDEP Review of Workplan	10 days	Mon 5/3/10	Fri 5/14/10	783																
785	Revise Work Plan / RTC	3 days	Tue 6/1/10	Thu 6/3/10																	
786	Submit Final Work Plan	0 days	Fri 5/28/10	Fri 5/28/10	785																
787	MODFLOW model development	116 days	Mon 5/3/10	Mon 10/4/10																	
788	MODFLOW model calibration	45 days	Mon 8/30/10	Fri 10/29/10																	
789	Capture reporting	86 days	Fri 8/6/10	Fri 12/3/10																	
790	Capture analysis	60 days	Fri 8/6/10	Thu 10/28/10																	
791	Report preparation and submittal	45 days	Mon 10/4/10	Fri 12/3/10																	
792	Groundwater System OMM	308 days	Thu 11/12/09	Mon 1/10/11																	
793	Groundwater collection and treatment (Veolia)	308 days	Thu 11/12/09	Mon 1/10/11																	
794	Veolia O&M and sampling	308 days	Thu 11/12/09	Mon 1/10/11																	
795	Raise Elevations for Eastside wells	10 days	Mon 6/7/10	Fri 6/18/10																	
796	Annual Groundwater Monitoring Event	70 days	Mon 4/5/10	Fri 7/2/10																	
799	Compliance Reporting	214 days	Mon 1/11/10	Thu 10/28/10																	
800	DMRs	214 days	Mon 1/11/10	Thu 10/28/10																	
801	Fourth Quarter 2009	13 days	Mon 1/11/10	Thu 1/28/10																	
804	First Quarter 2010	12 days	Mon 4/12/10	Wed 4/28/10																	
807	Second Quarter 2010	13 days	Mon 7/12/10	Wed 7/28/10																	
810	Third Quarter 2010	14 days	Mon 10/11/10	Thu 10/28/10																	
811	Report Preparation and Agency Submittal	10 days	Mon 10/11/10	Fri 10/22/10																	
812	Agency Submittal	0 days	Thu 10/28/10	Thu 10/28/10	811FS+4 days																
813	UIC permit reports	210 days	Mon 1/11/10	Fri 10/22/10																	
814	Fourth Quarter 2009	0 days	Thu 1/28/10	Thu 1/28/10																	
816	First Quarter 2010	77 days	Mon 1/11/10	Wed 4/28/10																	

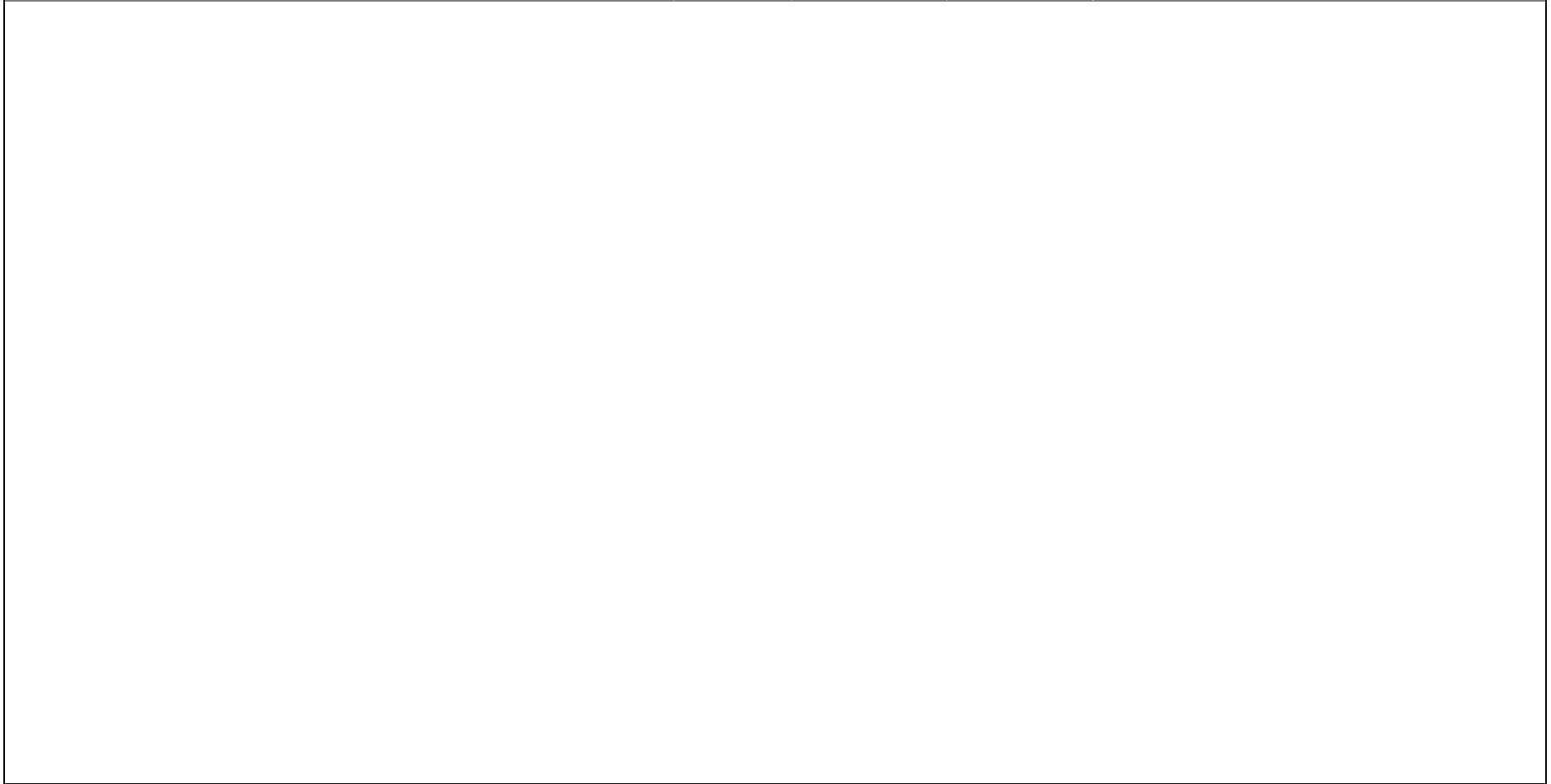
Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary

Progress Summary Rolled Up Milestone Split Project Summary Deadline

*** Task milestone subject to change based on contractor input**
**** Pending BMI policy tasks - may be subject to change**

Tronox Remediation Program Schedule October 5, 2010

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
819	Second Quarter 2010	83 days	Mon 4/12/10	Wed 7/28/10		█														
822	Third Quarter 2010	10 days	Mon 10/11/10	Fri 10/22/10					█											
823	Report Preparation (to be submitted w/ 4th Qtr report)	10 days	Mon 10/11/10	Fri 10/22/10					█											
824	Semiannual Reporting	144 days	Fri 2/19/10	Thu 9/2/10		█														
825	Data management	90 days	Mon 4/5/10	Fri 8/6/10	797SS	█														
826	Data validation	20 days	Tue 6/29/10	Mon 7/26/10	798	█														
827	Semiannual Performance Report (Feb)	5 days	Fri 2/19/10	Fri 2/26/10																
830	Annual Performance Report (Aug)	27 days	Tue 7/27/10	Thu 9/2/10																
835	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	

* **Task milestone subject to change based on contractor input**
 ** **Pending BMI policy tasks - may be subject to change**