

Tronox Phase B Remediation Program Schedule

March 24, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Q1				Q2			Q3			Q4			
					D	J	F	M	A	M	J	J	A	S	O	N	D	
1	<b>Phase B Program</b>	<b>724 days</b>	<b>Mon 7/7/08</b>	<b>Thu 4/14/11</b>														
2	<b>Finalize Phase B Site Investigation</b>	447 days	Wed 4/15/09	Thu 12/30/10														
3	<b>PM/Client/Agency Coordination</b>	<b>436 days</b>	<b>Mon 4/20/09</b>	<b>Mon 12/20/10</b>														
4	<b>Weekly Status Calls</b>	436 days	Mon 4/20/09	Mon 12/20/10														
92	<b>Receipt of Phase B Final Lab Data</b>	<b>54 days</b>	<b>Thu 10/15/09</b>	<b>Wed 12/30/09</b>														
93	Area 1	0 days	Thu 10/15/09	Thu 10/15/09														
94	Area II	0 days	Tue 11/17/09	Tue 11/17/09														
95	Area IV	0 days	Tue 12/15/09	Tue 12/15/09														
96	Area III	0 days	Wed 12/30/09	Wed 12/30/09														
97	<b>Data Mgmt/Validation</b>	447 days	Wed 4/15/09	Thu 12/30/10														
98	Database Management	447 days	Wed 4/15/09	Thu 12/30/10														
99	Area I Laboratory Data Validation	25 days	Fri 10/16/09	Thu 11/19/09														
100	Area II Laboratory Data Validation	43 days	Wed 11/18/09	Fri 1/15/10														
101	Area IV Laboratory Data Validation	35 days	Wed 12/16/09	Tue 2/2/10														
102	Area III Laboratory Data Validation	24 days	Thu 12/31/09	Tue 2/2/10														
103	<b>NDEP Phase B Source Area Meetings</b>	<b>15 days</b>	<b>Mon 1/18/10</b>	<b>Fri 2/5/10</b>														
104	<b>NDEP Meeting</b>	15 days	Mon 1/18/10	Fri 2/5/10														
105	Meeting Material Preparation	14 days	Mon 1/18/10	Thu 2/4/10														
106	Agency Meeting	1 day	Fri 2/5/10	Fri 2/5/10														
107	<b>Phase B Reporting</b>	<b>100 days</b>	<b>Fri 11/20/09</b>	<b>Thu 4/8/10</b>														
108	<b>Data Validation Summary Report - Area 1</b>	<b>41 days</b>	<b>Fri 11/20/09</b>	<b>Fri 1/15/10</b>														
114	<b>Data Validation Summary Report - Area II</b>	<b>45 days</b>	<b>Mon 1/18/10</b>	<b>Fri 3/19/10</b>														
115	Internal Draft DVSR	17 days	Mon 1/18/10	Tue 2/9/10														
116	Client Review/Draft Finalization	3 days	Wed 2/10/10	Fri 2/12/10														
117	Submit to NDEP	0 days	Fri 2/12/10	Fri 2/12/10														
118	NDEP Review	5 days	Mon 2/15/10	Fri 2/19/10														
119	Respond to Comments/DVSR Finalization	10 days	Mon 2/22/10	Fri 3/5/10														
120	NDEP Review and Approval	10 days	Mon 3/8/10	Fri 3/19/10														
121	<b>Data Validation Summary Report - Area IV</b>	<b>43 days</b>	<b>Wed 2/3/10</b>	<b>Fri 4/2/10</b>														
122	Internal Draft DVSR	12 days	Wed 2/3/10	Thu 2/18/10														
123	Client Review/Draft Finalization	1 day	Fri 2/19/10	Fri 2/19/10														
124	Submit to NDEP	0 days	Fri 2/19/10	Fri 2/19/10														
125	NDEP Review	10 days	Mon 2/22/10	Fri 3/5/10														
126	Respond to Comments/DVSR Finalization	10 days	Mon 3/8/10	Fri 3/19/10														
127	NDEP Review and Approval	10 days	Mon 3/22/10	Fri 4/2/10														
128	<b>Data Validation Summary Report - Area III</b>	<b>43 days</b>	<b>Wed 2/3/10</b>	<b>Fri 4/2/10</b>														
129	Internal Draft DVSR	11 days	Wed 2/3/10	Wed 2/17/10														
130	Client Review/Draft Finalization	2 days	Thu 2/18/10	Fri 2/19/10														
131	Submit to NDEP	0 days	Fri 2/19/10	Fri 2/19/10														
132	NDEP Review	10 days	Mon 2/22/10	Fri 3/5/10														
133	Respond to Comments/DVSR Finalization	10 days	Mon 3/8/10	Fri 3/19/10														
134	NDEP Review and Approval	10 days	Mon 3/22/10	Fri 4/2/10														
135	<b>Data Validation Summary Report - Groundwater</b>	<b>47 days</b>	<b>Wed 2/3/10</b>	<b>Thu 4/8/10</b>														
136	Internal Draft DVSR	15 days	Wed 2/3/10	Tue 2/23/10														
137	Client Review/Draft Finalization	2 days	Wed 2/24/10	Thu 2/25/10														
138	Submit to NDEP	0 days	Thu 2/25/10	Thu 2/25/10														
139	NDEP Review	10 days	Fri 2/26/10	Thu 3/11/10														
140	Respond to Comments/DVSR Finalization	10 days	Fri 3/12/10	Thu 3/25/10														
141	NDEP Review and Approval	10 days	Fri 3/26/10	Thu 4/8/10														
142	<b>Remediation Planning</b>	<b>59 days</b>	<b>Mon 12/7/09</b>	<b>Thu 2/25/10</b>														
143	<b>Conceptual Remediation Planning/Prelim Risk Eval</b>	<b>59 days</b>	<b>Mon 12/7/09</b>	<b>Thu 2/25/10</b>														
144	Area 1	41 days	Mon 12/7/09	Mon 2/1/10														

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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ID	Task Name	Duration	Start	Finish	Q1				Q2			Q3			Q4					
					D	J	F	M	A	M	J	J	A	S	O	N	D			
197	Work Plan Draft	4 days	Thu 2/25/10	Tue 3/2/10																
198	Tronox/Chartis Review	5 days	Wed 3/3/10	Tue 3/9/10																
199	Submittal to NDEP	0 days	Tue 3/9/10	Tue 3/9/10																
200	NDEP Preliminary Approval	5 days	Wed 3/10/10	Tue 3/16/10																
201	NDEP Review and Approval	10 days	Wed 3/10/10	Tue 3/23/10																
202	<b>Bid Development</b>	<b>10 days</b>	<b>Mon 3/15/10</b>	<b>Fri 3/26/10</b>																
203	SOW preparation	5 days	Mon 3/15/10	Fri 3/19/10																
204	Submittal to Contractors	0 days	Fri 3/19/10	Fri 3/19/10																
205	Contractor Selection	5 days	Mon 3/22/10	Fri 3/26/10																
206	Notice to Proceed	0 days	Fri 3/26/10	Fri 3/26/10																
207	<b>Field Work</b>	<b>52 days</b>	<b>Wed 3/24/10</b>	<b>Thu 6/3/10</b>																
208	Mobilization	5 days	Mon 3/29/10	Fri 4/2/10																
209	<b>RZ-B</b>	<b>13 days</b>	<b>Wed 3/24/10</b>	<b>Fri 4/9/10</b>																
210	Field Coordination/GBP	5 days	Wed 3/24/10	Tue 3/30/10																
211	Field Sampling	5 days	Mon 4/5/10	Fri 4/9/10																
212	<b>RZ-C</b>	<b>18 days</b>	<b>Fri 3/26/10</b>	<b>Tue 4/20/10</b>																
213	Field Coordination/GBP	5 days	Fri 3/26/10	Thu 4/1/10																
214	Field Sampling	7 days	Mon 4/12/10	Tue 4/20/10																
215	<b>RZ-D</b>	<b>14 days</b>	<b>Fri 4/2/10</b>	<b>Wed 4/21/10</b>																
216	Field Coordination/GBP	5 days	Fri 4/2/10	Thu 4/8/10																
217	Field Sampling	9 days	Fri 4/9/10	Wed 4/21/10																
218	<b>RZ-E</b>	<b>12 days</b>	<b>Fri 4/9/10</b>	<b>Mon 4/26/10</b>																
219	Field Coordination/GBP	5 days	Fri 4/9/10	Thu 4/15/10																
220	Field Sampling	3 days	Thu 4/22/10	Mon 4/26/10																
221	<b>Additional Step-Out Sampling (if required)</b>	<b>10 days</b>	<b>Fri 4/23/10</b>	<b>Thu 5/6/10</b>																
222	Field Coordination/GBP	5 days	Fri 4/23/10	Thu 4/29/10																
223	Field Sampling	5 days	Fri 4/30/10	Thu 5/6/10																
224	<b>Laboratory Analysis</b>	<b>47 days</b>	<b>Wed 3/31/10</b>	<b>Thu 6/3/10</b>																
225	<b>Mobile Laboratory Analysis</b>	<b>26 days</b>	<b>Wed 3/31/10</b>	<b>Wed 5/5/10</b>																
226	Mobilization	3 days	Wed 3/31/10	Fri 4/2/10																
227	<b>Analysis</b>	<b>23 days</b>	<b>Mon 4/5/10</b>	<b>Wed 5/5/10</b>																
228	RZ-B	7 days	Mon 4/5/10	Tue 4/13/10																
229	RZ-C	10 days	Mon 4/12/10	Fri 4/23/10																
230	RZ-D	15 days	Fri 4/9/10	Thu 4/29/10																
231	RZ-E	5 days	Thu 4/22/10	Wed 4/28/10																
232	Additional Step-Out (if required)	5 days	Thu 4/29/10	Wed 5/5/10																
233	<b>Fixed Lab Analysis</b>	<b>39 days</b>	<b>Mon 4/12/10</b>	<b>Thu 6/3/10</b>																
234	RZ-B	20 days	Mon 4/12/10	Fri 5/7/10																
235	RZ-C	20 days	Wed 4/21/10	Tue 5/18/10																
236	RZ-D	20 days	Thu 4/22/10	Wed 5/19/10																
237	RZ-E	20 days	Tue 4/27/10	Mon 5/24/10																
238	Additional Step-Out (if required)	20 days	Fri 5/7/10	Thu 6/3/10																
239	<b>Data Validation</b>	<b>41 days</b>	<b>Mon 5/10/10</b>	<b>Mon 7/5/10</b>																
240	<b>RZ-B</b>	<b>30 days</b>	<b>Mon 5/10/10</b>	<b>Fri 6/18/10</b>																
241	DV EDDs	20 days	Mon 5/10/10	Fri 6/4/10																
242	Data Validation Summary Tables	10 days	Mon 6/7/10	Fri 6/18/10																
243	<b>RZ-C</b>	<b>30 days</b>	<b>Wed 5/19/10</b>	<b>Tue 6/29/10</b>																
244	DV EDDs	20 days	Wed 5/19/10	Tue 6/15/10																
245	Data Validation Summary Tables	10 days	Wed 6/16/10	Tue 6/29/10																
246	<b>RZ-D</b>	<b>30 days</b>	<b>Thu 5/20/10</b>	<b>Wed 6/30/10</b>																
247	DV EDDs	20 days	Thu 5/20/10	Wed 6/16/10																
248	Data Validation Summary Tables	10 days	Thu 6/17/10	Wed 6/30/10																

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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ID	Task Name	Duration	Start	Finish	Q1				Q2			Q3			Q4				
					D	J	F	M	A	M	J	J	A	S	O	N	D		
302	Revise and Finalize	5 days	Tue 6/1/10	Mon 6/7/10															
303	Submit to NDEP	0 days	Mon 6/7/10	Mon 6/7/10															
304	NDEP Preliminary Review	5 days	Tue 6/8/10	Mon 6/14/10															
305	NDEP Review	10 days	Tue 6/15/10	Mon 6/28/10															
306	Respond to Comments/EP Finalization	10 days	Mon 7/5/10	Fri 7/16/10															
307	NDEP Review and Approve EP	5 days	Mon 7/19/10	Fri 7/23/10															
308	<b>RZ-D Excavation Plan</b>	<b>65 days</b>	<b>Tue 5/11/10</b>	<b>Mon 8/9/10</b>															
309	EP Preparation	20 days	Tue 5/11/10	Mon 6/7/10															
310	Review (Tronox, Chartis)	5 days	Tue 6/8/10	Mon 6/14/10															
311	Revise and Finalize	10 days	Tue 6/15/10	Mon 6/28/10															
312	Submit to NDEP	0 days	Mon 6/28/10	Mon 6/28/10															
313	NDEP Preliminary Review	5 days	Tue 6/29/10	Mon 7/5/10															
314	NDEP Review	10 days	Tue 7/6/10	Mon 7/19/10															
315	Respond to Comments/EP Finalization	10 days	Tue 7/20/10	Mon 8/2/10															
316	NDEP Review and Approve EP	5 days	Tue 8/3/10	Mon 8/9/10															
317	<b>RZ-E Excavation Plan</b>	<b>65 days</b>	<b>Mon 5/17/10</b>	<b>Fri 8/13/10</b>															
318	EP Preparation	20 days	Mon 5/17/10	Fri 6/11/10															
319	Review (Tronox, Chartis)	5 days	Mon 6/14/10	Fri 6/18/10															
320	Revise and Finalize	10 days	Mon 6/21/10	Fri 7/2/10															
321	Submit to NDEP	0 days	Fri 7/2/10	Fri 7/2/10															
322	NDEP Preliminary Review	5 days	Mon 7/5/10	Fri 7/9/10															
323	NDEP Review	10 days	Mon 7/12/10	Fri 7/23/10															
324	Respond to Comments/EP Finalization	10 days	Mon 7/26/10	Fri 8/6/10															
325	NDEP Review and Approve EP	5 days	Mon 8/9/10	Fri 8/13/10															
326	<b>Contractor Plans And Specifications/Contractor Selection</b>	<b>125 days</b>	<b>Mon 2/22/10</b>	<b>Fri 8/13/10</b>															
327	<b>Demolition</b>	<b>73 days</b>	<b>Fri 2/26/10</b>	<b>Tue 6/8/10</b>															
328	<b>Regulated Building Material Surveys</b>	<b>43 days</b>	<b>Fri 2/26/10</b>	<b>Tue 4/27/10</b>															
329	Bid Specifications	7 days	Fri 2/26/10	Mon 3/8/10															
330	Submit Bid Specs	0 days	Mon 3/8/10	Mon 3/8/10															
331	Bid Walk	1 day	Mon 3/15/10	Mon 3/15/10															
332	Receive Bids	5 days	Tue 3/16/10	Mon 3/22/10															
333	Select Contractor	3 days	Tue 3/23/10	Thu 3/25/10															
334	Contractor Mobilization	3 days	Fri 3/26/10	Tue 3/30/10															
335	<b>Conduct Surveys</b>	<b>20 days</b>	<b>Wed 3/31/10</b>	<b>Tue 4/27/10</b>															
336	Field Work	5 days	Wed 3/31/10	Tue 4/6/10															
337	Analysis	10 days	Wed 4/7/10	Tue 4/20/10															
338	Report Prep	5 days	Wed 4/21/10	Tue 4/27/10															
339	Prepare Demo and Abatement Plans and Specifications	9 days	Wed 4/28/10	Mon 5/10/10															
340	Review Plans and Specifications (Tronox)	5 days	Tue 5/11/10	Mon 5/17/10															
341	Issue Plans and Specifications	5 days	Tue 5/18/10	Mon 5/24/10															
342	Bid Walk	1 day	Tue 5/25/10	Tue 5/25/10															
343	Bid Submittal Date	5 days	Wed 5/26/10	Tue 6/1/10															
344	Review Bids and Award Contract	5 days	Wed 6/2/10	Tue 6/8/10															
345	<b>Remediation</b>	<b>102 days</b>	<b>Thu 3/18/10</b>	<b>Fri 8/6/10</b>															
346	<b>Mn Tailings</b>	<b>15 days</b>	<b>Thu 3/18/10</b>	<b>Wed 4/7/10</b>															
347	Review Bid Documents and Get Clarifications/Reissue (if necessary)	5 days	Thu 3/18/10	Wed 3/24/10															
348	Bid Submittal Date	5 days	Thu 3/25/10	Wed 3/31/10															
349	Review Bids, Contract Negotiation and Award	5 days	Thu 4/1/10	Wed 4/7/10															
350	<b>Site Wide - (based on Area B, supplements to follow)</b>	<b>41 days</b>	<b>Fri 5/21/10</b>	<b>Fri 7/16/10</b>															
351	Prepare Remediation Plans and Specifications	20 days	Fri 5/21/10	Thu 6/17/10															
352	Review Plans and Specifications (Tronox, Chartis)	5 days	Fri 6/18/10	Thu 6/24/10															
353	Issue Plans and Specifications	5 days	Fri 6/25/10	Thu 7/1/10															
354	Bid Walk	1 day	Fri 7/2/10	Fri 7/2/10															

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					D	J	F	M	A	M	J	J	A	S	O	N	D		
355	Bid Submittal Date	5 days	Mon 7/5/10	Fri 7/9/10															
356	Review Bids, Contract Negotiation and Award	5 days	Mon 7/12/10	Fri 7/16/10															
357	<b>RZ-C</b>	<b>20 days</b>	<b>Tue 6/15/10</b>	<b>Mon 7/12/10</b>															
358	Prepare Remediation Plans and Specifications	10 days	Tue 6/15/10	Mon 6/28/10															
359	Review Plans and Specifications (Tronox, Chartis)	5 days	Tue 6/29/10	Mon 7/5/10															
360	Issue Plans and Specifications	5 days	Tue 7/6/10	Mon 7/12/10															
361	<b>RZ-D</b>	<b>20 days</b>	<b>Tue 7/6/10</b>	<b>Mon 8/2/10</b>															
362	Prepare Remediation Plans and Specifications	10 days	Tue 7/6/10	Mon 7/19/10															
363	Review Plans and Specifications (Tronox, Chartis)	5 days	Tue 7/20/10	Mon 7/26/10															
364	Issue Plans and Specifications	5 days	Tue 7/27/10	Mon 8/2/10															
365	<b>RZ-E</b>	<b>20 days</b>	<b>Mon 7/12/10</b>	<b>Fri 8/6/10</b>															
366	Prepare Remediation Plans and Specifications	10 days	Mon 7/12/10	Fri 7/23/10															
367	Review Plans and Specifications (Tronox, Chartis)	5 days	Mon 7/26/10	Fri 7/30/10															
368	Issue Plans and Specifications	5 days	Mon 8/2/10	Fri 8/6/10															
369	<b>Grading and Dust Monitoring Permit</b>	<b>125 days</b>	<b>Mon 2/22/10</b>	<b>Fri 8/13/10</b>															
370	Parcels C, D, F, G, and H	20 days	Mon 2/22/10	Fri 3/19/10															
371	Permits - Mn Tailings	15 days	Mon 3/8/10	Fri 3/26/10															
372	Permits - Other Areas	15 days	Fri 7/16/10	Thu 8/5/10															
373	Contractor Submits Grading and DMP	5 days	Mon 7/19/10	Fri 7/23/10															
374	Clark County Review/Permitting	15 days	Mon 7/26/10	Fri 8/13/10															
375	<b>Demolition</b>	<b>350 days</b>	<b>Wed 4/15/09</b>	<b>Tue 8/17/10</b>															
376	<b>RZ-B</b>	<b>10 days</b>	<b>Wed 6/9/10</b>	<b>Tue 6/22/10</b>															
377	Install Temporary SWPPP Measures	5 days	Wed 6/9/10	Tue 6/15/10															
378	Demolish Applicable Bldgs	5 days	Wed 6/16/10	Tue 6/22/10															
379	Remove Applicable Utilities	5 days	Wed 6/16/10	Tue 6/22/10															
380	<b>RZ-C</b>	<b>25 days</b>	<b>Wed 6/9/10</b>	<b>Tue 7/13/10</b>															
381	Install Temporary SWPPP Measures	6 days	Wed 6/9/10	Wed 6/16/10															
382	Demolish Applicable Bldgs	10 days	Wed 6/23/10	Tue 7/6/10															
383	Install Temporary Critical Utilities	5 days	Wed 7/7/10	Tue 7/13/10															
384	Remove Applicable Utilities	10 days	Wed 6/23/10	Tue 7/6/10															
385	<b>RZ-D</b>	<b>30 days</b>	<b>Wed 6/9/10</b>	<b>Tue 7/20/10</b>															
386	Install Temporary SWPPP Measures	5 days	Wed 6/9/10	Tue 6/15/10															
387	Demolish Applicable Buildings	10 days	Wed 6/16/10	Tue 6/29/10															
388	Install Temporary Critical Utilities	10 days	Wed 6/30/10	Tue 7/13/10															
389	Remove Applicable Utilities	10 days	Wed 7/7/10	Tue 7/20/10															
390	<b>RZ-E</b>	<b>350 days</b>	<b>Wed 4/15/09</b>	<b>Tue 8/17/10</b>															
391	Install Temporary SWPPP Measures	5 days	Wed 6/9/10	Tue 6/15/10															
392	Install Temporary Critical Utilities	10 days	Wed 4/15/09	Tue 4/28/09															
393	Remove Applicable Utilities	30 days	Wed 7/7/10	Tue 8/17/10															
394	<b>Soil Remediation</b>	<b>638 days</b>	<b>Mon 7/7/08</b>	<b>Wed 12/15/10</b>															
395	<b>Identify Backfill Source(s)</b>	<b>60 days</b>	<b>Mon 4/5/10</b>	<b>Fri 6/25/10</b>															
396	Identify Potential Sources	20 days	Mon 4/5/10	Fri 4/30/10															
397	"Phase I" Evaluations	40 days	Mon 4/19/10	Fri 6/11/10															
398	<b>Soil Certification (if required)</b>	<b>20 days</b>	<b>Mon 5/31/10</b>	<b>Fri 6/25/10</b>															
399	Soil Sampling and Analysis	20 days	Mon 5/31/10	Fri 6/25/10															
400	<b>Implementation of SWPPP Measures</b>	<b>21 days</b>	<b>Mon 7/19/10</b>	<b>Mon 8/16/10</b>															
401	Site Wide	20 days	Mon 7/19/10	Fri 8/13/10															
402	Beta Ditch	10 days	Tue 8/3/10	Mon 8/16/10															
403	Parcel C, D, F, G, H WP Approval	0 days	Mon 7/7/08	Mon 7/7/08															
404	<b>Parcels C, D, F, G and H</b>	<b>67 days</b>	<b>Mon 2/15/10</b>	<b>Tue 5/18/10</b>															
405	Contractor Selection	20 days	Mon 2/15/10	Fri 3/12/10															
406	Notice to Proceed	0 days	Fri 3/12/10	Fri 3/12/10															

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					D	J	F	M	A	M	J	J	A	S	O	N	D			
563	Revise and Finalize	5 days	Wed 8/18/10	Tue 8/24/10																
564	Submit RA to NDEP	0 days	Tue 8/24/10	Tue 8/24/10																
565	NDEP Review and Comment	20 days	Wed 8/25/10	Tue 9/21/10																
566	RTC and Revisions	10 days	Wed 9/22/10	Tue 10/5/10																
567	NDEP Review and Approval	20 days	Wed 10/6/10	Tue 11/2/10																
568	<b>RZ-C: will actually be based on DU's once developed</b>	<b>103 days</b>	<b>Wed 6/23/10</b>	<b>Fri 11/12/10</b>																
569	Data Evaluation	5 days	Wed 6/23/10	Tue 6/29/10																
570	Data Usability	4 days	Wed 6/30/10	Mon 7/5/10																
571	Preliminary Risk Calculations	4 days	Tue 7/6/10	Fri 7/9/10																
572	Prepare HHRA	20 days	Mon 7/12/10	Fri 8/6/10																
573	Review RA (Tronox, Chartis)	10 days	Mon 8/9/10	Fri 8/20/10																
574	Revise and Finalize	10 days	Mon 8/23/10	Fri 9/3/10																
575	Submit RA to NDEP	0 days	Fri 9/3/10	Fri 9/3/10																
576	NDEP Review and Comment	20 days	Mon 9/6/10	Fri 10/1/10																
577	RTC and Revisions	10 days	Mon 10/4/10	Fri 10/15/10																
578	NDEP Review and Approval	20 days	Mon 10/18/10	Fri 11/12/10																
579	<b>RZ-D: will actually be based on DU's once developed</b>	<b>108 days</b>	<b>Thu 6/24/10</b>	<b>Mon 11/22/10</b>																
580	Data Evaluation	5 days	Thu 6/24/10	Wed 6/30/10																
581	Data Usability	4 days	Thu 7/1/10	Tue 7/6/10																
582	Preliminary Risk Calculations	4 days	Wed 7/7/10	Mon 7/12/10																
583	Prepare HHRA	25 days	Tue 7/13/10	Mon 8/16/10																
584	Review RA (Tronox, Chartis)	10 days	Tue 8/17/10	Mon 8/30/10																
585	Revise and Finalize	10 days	Tue 8/31/10	Mon 9/13/10																
586	Submit RA to NDEP	0 days	Mon 9/13/10	Mon 9/13/10																
587	NDEP Review and Comment	20 days	Tue 9/14/10	Mon 10/11/10																
588	RTC and Revisions	10 days	Tue 10/12/10	Mon 10/25/10																
589	NDEP Review and Approval	20 days	Tue 10/26/10	Mon 11/22/10																
590	<b>RZ-E</b>	<b>113 days</b>	<b>Tue 6/29/10</b>	<b>Thu 12/2/10</b>																
591	Data Evaluation	5 days	Tue 6/29/10	Mon 7/5/10																
592	Data Usability	4 days	Tue 7/6/10	Fri 7/9/10																
593	Preliminary Risk Calculations	4 days	Mon 7/12/10	Thu 7/15/10																
594	Prepare HHRA	30 days	Fri 7/16/10	Thu 8/26/10																
595	Review RA (Tronox, Chartis)	10 days	Fri 8/27/10	Thu 9/9/10																
596	Revise and Finalize	10 days	Fri 9/10/10	Thu 9/23/10																
597	Submit RA to NDEP	0 days	Thu 9/23/10	Thu 9/23/10																
598	NDEP Review and Comment	20 days	Fri 9/24/10	Thu 10/21/10																
599	RTC and Revisions	10 days	Fri 10/22/10	Thu 11/4/10																
600	NDEP Review and Approve RA	20 days	Fri 11/5/10	Thu 12/2/10																
601	<b>Soil Vapor Intrusion Evaluation and Mitigation</b>	<b>253 days</b>	<b>Mon 1/4/10</b>	<b>Wed 12/22/10</b>																
602	Evaluate Soil Gas Data	10 days	Mon 1/4/10	Fri 1/15/10																
603	Evaluate Phase B Soil Data	10 days	Mon 1/18/10	Fri 1/29/10																
604	<b>Evaluate Need for Mitigation</b>	<b>102 days</b>	<b>Mon 2/22/10</b>	<b>Tue 7/13/10</b>																
605	<b>IAQ Testing (if required)</b>	<b>102 days</b>	<b>Mon 2/22/10</b>	<b>Tue 7/13/10</b>																
606	Evaluate need for IAQ Testing	10 days	Mon 2/22/10	Fri 3/5/10																
607	<b>IAQ Testing Plan</b>	<b>47 days</b>	<b>Mon 3/8/10</b>	<b>Tue 5/11/10</b>																
608	Prepare Plan	12 days	Mon 3/8/10	Tue 3/23/10																
609	Review Plan (Tronox, Chartis)	3 days	Wed 3/24/10	Fri 3/26/10																
610	Revise and Finalize	2 days	Mon 3/29/10	Tue 3/30/10																
611	Submit to NDEP	0 days	Tue 3/30/10	Tue 3/30/10																
612	NDEP Review and Comments	15 days	Wed 3/31/10	Tue 4/20/10																
613	RTC and Revisions	10 days	Wed 4/21/10	Tue 5/4/10																
614	NDEP Approval	5 days	Wed 5/5/10	Tue 5/11/10																
615	<b>IAQ Testing Implementation</b>	<b>45 days</b>	<b>Wed 5/12/10</b>	<b>Tue 7/13/10</b>																

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

Tronox Phase B Remediation Program Schedule

March 24, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Q1				Q2		Q3			Q4					
					D	J	F	M	A	M	J	J	A	S	O	N	D		
616	Contractor Selection	15 days	Wed 5/12/10	Tue 6/1/10															
617	Implementation	15 days	Wed 6/2/10	Tue 6/22/10															
618	Data Evaluation	15 days	Wed 6/23/10	Tue 7/13/10															
619	<b>Soil Vapor Evaluation Report</b>	<b>75 days</b>	<b>Wed 7/14/10</b>	<b>Tue 10/26/10</b>															
620	Prepare Report	20 days	Wed 7/14/10	Tue 8/10/10															
621	Review (Tronox, Chartis)	10 days	Wed 8/11/10	Tue 8/24/10															
622	Revise and Finalize	10 days	Wed 8/25/10	Tue 9/7/10															
623	Submit to NDEP	0 days	Tue 9/7/10	Tue 9/7/10															
624	NDEP Review and Comments	20 days	Wed 9/8/10	Tue 10/5/10															
625	RTC and Revisions	10 days	Wed 10/6/10	Tue 10/19/10															
626	NDEP Approval	5 days	Wed 10/20/10	Tue 10/26/10															
627	<b>Mitigation (if required) - existing buildings</b>	<b>41 days</b>	<b>Wed 10/27/10</b>	<b>Wed 12/22/10</b>															
628	Prepare SOW/RFP for Contractor	5 days	Wed 10/27/10	Tue 11/2/10															
629	Review Contractor SOW (Tronox and Chartis)	5 days	Wed 11/3/10	Tue 11/9/10															
630	Issue RFP	5 days	Wed 11/10/10	Tue 11/16/10															
631	Bid Walk	1 day	Wed 11/17/10	Wed 11/17/10															
632	Bid Submittal Date	5 days	Thu 11/18/10	Wed 11/24/10															
633	Review Bids, Contract Negotiation and Award	5 days	Thu 11/25/10	Wed 12/1/10															
634	Implementation	15 days	Thu 12/2/10	Wed 12/22/10															
635	<b>Mitigation (if required) - new buidings (schedule subject to change)</b>	<b>95 days</b>	<b>Mon 8/2/10</b>	<b>Fri 12/10/10</b>															
636	Pilot Test Design	10 days	Mon 8/2/10	Fri 8/13/10															
637	Pilot Test Workplan/Approval	25 days	Mon 8/16/10	Fri 9/17/10															
638	Pilot Test	10 days	Mon 9/20/10	Fri 10/1/10															
639	System design	15 days	Mon 10/4/10	Fri 10/22/10															
640	Install Passive Sub Slab Depressurization	30 days	Mon 10/25/10	Fri 12/3/10															
641	System Start Up	5 days	Mon 12/6/10	Fri 12/10/10															
642	Operations and Maintenance (not scheduled)	0 days	Fri 12/10/10	Fri 12/10/10															
643	<b>Closures</b>	<b>191 days</b>	<b>Wed 7/21/10</b>	<b>Wed 4/13/11</b>															
644	<b>Parcel C, D, F, G and H</b>	<b>85 days</b>	<b>Wed 7/21/10</b>	<b>Tue 11/16/10</b>															
645	Prepare Closure Report	20 days	Wed 7/21/10	Tue 8/17/10															
646	Review CR (Tronox, Chartis)	10 days	Wed 8/18/10	Tue 8/31/10															
647	Revise and Finalize CR	10 days	Wed 9/1/10	Tue 9/14/10															
648	Submit CR to NDEP	0 days	Tue 9/14/10	Tue 9/14/10															
649	NDEP Review and Comments	20 days	Wed 9/15/10	Tue 10/12/10															
650	RTC and Revisions	10 days	Wed 10/13/10	Tue 10/26/10															
651	NDEP Review and Approve CR	15 days	Wed 10/27/10	Tue 11/16/10															
652	<b>RZ-B: will actually be based on decision units once developed</b>	<b>75 days</b>	<b>Wed 11/10/10</b>	<b>Tue 2/22/11</b>															
653	Prepare Closure Report	20 days	Wed 11/10/10	Tue 12/7/10															
654	Review CR (Tronox, Chartis)	10 days	Wed 12/8/10	Tue 12/21/10															
655	Revise and Finalize CR	10 days	Wed 12/22/10	Tue 1/4/11															
656	Submit CR to NDEP	0 days	Tue 1/4/11	Tue 1/4/11															
657	NDEP Review and Comments	20 days	Wed 1/5/11	Tue 2/1/11															
658	RTC and Revisions	10 days	Wed 2/2/11	Tue 2/15/11															
659	NDEP Review and Approval	5 days	Wed 2/16/11	Tue 2/22/11															
660	<b>RZ-C: will actually be based on decision units once developed</b>	<b>75 days</b>	<b>Mon 11/22/10</b>	<b>Fri 3/4/11</b>															
661	Prepare Closure Report	20 days	Mon 11/22/10	Fri 12/17/10															
662	Review CR (Tronox, Chartis)	10 days	Mon 12/20/10	Fri 12/31/10															
663	Revise and Finalize CR	10 days	Mon 1/3/11	Fri 1/14/11															
664	Submit CR to NDEP	0 days	Fri 1/14/11	Fri 1/14/11															
665	NDEP Review and Comments	20 days	Mon 1/17/11	Fri 2/11/11															
666	RTC and Revisions	10 days	Mon 2/14/11	Fri 2/25/11															
667	NDEP Review and Approval	5 days	Mon 2/28/11	Fri 3/4/11															
668	<b>RZ-D: will actually be based on decision units once developed</b>	<b>75 days</b>	<b>Thu 12/30/10</b>	<b>Wed 4/13/11</b>															

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







Progress Summary Rolled Up Milestone Split Project Summary Deadline






Tronox Phase B Remediation Program Schedule

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For NDEP Review

ID	Task Name	Duration	Start	Finish	Q1				Q2			Q3			Q4			
					D	J	F	M	A	M	J	J	A	S	O	N	D	
669	Prepare Closure Report	20 days	Thu 12/30/10	Wed 1/26/11														
670	Review CR (Tronox, Chartis)	10 days	Thu 1/27/11	Wed 2/9/11														
671	Revise and Finalize CR	10 days	Thu 2/10/11	Wed 2/23/11														
672	Submit CR to NDEP	0 days	Wed 2/23/11	Wed 2/23/11														
673	NDEP Review and Comments	20 days	Thu 2/24/11	Wed 3/23/11														
674	RTC and Revisions	10 days	Thu 3/24/11	Wed 4/6/11														
675	NDEP Review and Approval	5 days	Thu 4/7/11	Wed 4/13/11														
676	<b>RZ-E: will actually be based on decision units once developed</b>	<b>75 days</b>	<b>Thu 12/23/10</b>	<b>Wed 4/6/11</b>														
677	Prepare Closure Report	20 days	Thu 12/23/10	Wed 1/19/11														
678	Review CR (Tronox, Chartis)	10 days	Thu 1/20/11	Wed 2/2/11														
679	Revise and Finalize CR	10 days	Thu 2/3/11	Wed 2/16/11														
680	Submit CR to NDEP	0 days	Wed 2/16/11	Wed 2/16/11														
681	NDEP Review and Comments	20 days	Thu 2/17/11	Wed 3/16/11														
682	RTC and Revisions	10 days	Thu 3/17/11	Wed 3/30/11														
683	NDEP Review and Approval	5 days	Thu 3/31/11	Wed 4/6/11														

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

Progress  Summary  Rolled Up Milestone  Split  Project Summary  Deadline 