

Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1				Q2			Q3			Q4					
						D	J	F	M	A	M	J	J	A	S	O	N	D			
1	Phase B Program	725 days	Mon 7/7/08	Fri 4/15/11		[Gantt bar spanning from Mon 7/7/08 to Fri 4/15/11]															
2	Finalize Phase B Site Investigation	447 days	Wed 4/15/09	Thu 12/30/10		[Gantt bar spanning from Wed 4/15/09 to Thu 12/30/10]															
3	PM/Client/Agency Coordination	436 days	Mon 4/20/09	Mon 12/20/10		[Gantt bar spanning from Mon 4/20/09 to Mon 12/20/10]															
4	Weekly Status Calls	436 days	Mon 4/20/09	Mon 12/20/10		[Gantt bar with vertical tick marks spanning from Mon 4/20/09 to Mon 12/20/10]															
92	Receipt of Phase B Final Lab Data	54 days	Thu 10/15/09	Wed 12/30/09		[Gantt bar spanning from Thu 10/15/09 to Wed 12/30/09]															
93	Area 1	0 days	Thu 10/15/09	Thu 10/15/09		[Milestone diamond at Thu 10/15/09]															
94	Area II	0 days	Tue 11/17/09	Tue 11/17/09		[Milestone diamond at Tue 11/17/09]															
95	Area IV	0 days	Tue 12/15/09	Tue 12/15/09		[Milestone diamond at Tue 12/15/09]															
96	Area III	0 days	Wed 12/30/09	Wed 12/30/09		[Milestone diamond at Wed 12/30/09]															
97	Data Mgmt/Validation	447 days	Wed 4/15/09	Thu 12/30/10		[Gantt bar spanning from Wed 4/15/09 to Thu 12/30/10]															
98	Database Management	447 days	Wed 4/15/09	Thu 12/30/10		[Gantt bar spanning from Wed 4/15/09 to Thu 12/30/10]															
99	Area I Laboratory Data Validation	25 days	Fri 10/16/09	Thu 11/19/09	93	[Gantt bar spanning from Fri 10/16/09 to Thu 11/19/09]															
100	Area II Laboratory Data Validation	43 days	Wed 11/18/09	Fri 1/15/10	94	[Gantt bar spanning from Wed 11/18/09 to Fri 1/15/10]															
101	Area IV Laboratory Data Validation	35 days	Wed 12/16/09	Tue 2/2/10	95	[Gantt bar spanning from Wed 12/16/09 to Tue 2/2/10]															
102	Area III Laboratory Data Validation	24 days	Thu 12/31/09	Tue 2/2/10	96	[Gantt bar spanning from Thu 12/31/09 to Tue 2/2/10]															
103	NDEP Phase B Source Area Meetings	15 days	Mon 1/18/10	Fri 2/5/10		[Gantt bar spanning from Mon 1/18/10 to Fri 2/5/10]															
104	NDEP Meeting	15 days	Mon 1/18/10	Fri 2/5/10		[Gantt bar spanning from Mon 1/18/10 to Fri 2/5/10]															
105	Meeting Material Preparation	14 days	Mon 1/18/10	Thu 2/4/10	100	[Gantt bar spanning from Mon 1/18/10 to Thu 2/4/10]															
106	Agency Meeting	1 day	Fri 2/5/10	Fri 2/5/10	105	[Milestone diamond at Fri 2/5/10]															
107	Phase B Reporting	100 days	Fri 11/20/09	Thu 4/8/10		[Gantt bar spanning from Fri 11/20/09 to Thu 4/8/10]															
108	Data Validation Summary Report - Area 1	41 days	Fri 11/20/09	Fri 1/15/10		[Gantt bar spanning from Fri 11/20/09 to Fri 1/15/10]															
114	Data Validation Summary Report - Area II	45 days	Mon 1/18/10	Fri 3/19/10		[Gantt bar spanning from Mon 1/18/10 to Fri 3/19/10]															
115	Internal Draft DVSR	17 days	Mon 1/18/10	Tue 2/9/10	100	[Gantt bar spanning from Mon 1/18/10 to Tue 2/9/10]															
116	Client Review/Draft Finalization	3 days	Wed 2/10/10	Fri 2/12/10	115	[Gantt bar spanning from Wed 2/10/10 to Fri 2/12/10]															
117	Submit to NDEP	0 days	Fri 2/12/10	Fri 2/12/10	116	[Milestone diamond at Fri 2/12/10]															
118	NDEP Review	5 days	Mon 2/15/10	Fri 2/19/10	117	[Gantt bar spanning from Mon 2/15/10 to Fri 2/19/10]															
119	Respond to Comments/DVSR Finalization	10 days	Mon 2/22/10	Fri 3/5/10	118	[Gantt bar spanning from Mon 2/22/10 to Fri 3/5/10]															
120	NDEP Review and Approval	10 days	Mon 3/8/10	Fri 3/19/10	119	[Gantt bar spanning from Mon 3/8/10 to Fri 3/19/10]															
121	Data Validation Summary Report - Area IV	43 days	Wed 2/3/10	Fri 4/2/10		[Gantt bar spanning from Wed 2/3/10 to Fri 4/2/10]															
122	Internal Draft DVSR	12 days	Wed 2/3/10	Thu 2/18/10	101	[Gantt bar spanning from Wed 2/3/10 to Thu 2/18/10]															
123	Client Review/Draft Finalization	1 day	Fri 2/19/10	Fri 2/19/10	122	[Milestone diamond at Fri 2/19/10]															
124	Submit to NDEP	0 days	Fri 2/19/10	Fri 2/19/10	123	[Milestone diamond at Fri 2/19/10]															
125	NDEP Review	10 days	Mon 2/22/10	Fri 3/5/10	124	[Gantt bar spanning from Mon 2/22/10 to Fri 3/5/10]															
126	Respond to Comments/DVSR Finalization	10 days	Mon 3/8/10	Fri 3/19/10	125	[Gantt bar spanning from Mon 3/8/10 to Fri 3/19/10]															
127	NDEP Review and Approval	10 days	Mon 3/22/10	Fri 4/2/10	126	[Gantt bar spanning from Mon 3/22/10 to Fri 4/2/10]															
128	Data Validation Summary Report - Area III	43 days	Wed 2/3/10	Fri 4/2/10		[Gantt bar spanning from Wed 2/3/10 to Fri 4/2/10]															
129	Internal Draft DVSR	11 days	Wed 2/3/10	Wed 2/17/10	102	[Gantt bar spanning from Wed 2/3/10 to Wed 2/17/10]															
130	Client Review/Draft Finalization	2 days	Thu 2/18/10	Fri 2/19/10	129	[Gantt bar spanning from Thu 2/18/10 to Fri 2/19/10]															
131	Submit to NDEP	0 days	Fri 2/19/10	Fri 2/19/10	130	[Milestone diamond at Fri 2/19/10]															
132	NDEP Review	10 days	Mon 2/22/10	Fri 3/5/10	131	[Gantt bar spanning from Mon 2/22/10 to Fri 3/5/10]															
133	Respond to Comments/DVSR Finalization	10 days	Mon 3/8/10	Fri 3/19/10	132	[Gantt bar spanning from Mon 3/8/10 to Fri 3/19/10]															
134	NDEP Review and Approval	10 days	Mon 3/22/10	Fri 4/2/10	133	[Gantt bar spanning from Mon 3/22/10 to Fri 4/2/10]															
135	Data Validation Summary Report - Groundwater	47 days	Wed 2/3/10	Thu 4/8/10		[Gantt bar spanning from Wed 2/3/10 to Thu 4/8/10]															
136	Internal Draft DVSR	15 days	Wed 2/3/10	Tue 2/23/10	102	[Gantt bar spanning from Wed 2/3/10 to Tue 2/23/10]															
137	Client Review/Draft Finalization	2 days	Wed 2/24/10	Thu 2/25/10	136	[Gantt bar spanning from Wed 2/24/10 to Thu 2/25/10]															
138	Submit to NDEP	0 days	Thu 2/25/10	Thu 2/25/10	137	[Milestone diamond at Thu 2/25/10]															
139	NDEP Review	10 days	Fri 2/26/10	Thu 3/11/10	138	[Gantt bar spanning from Fri 2/26/10 to Thu 3/11/10]															
140	Respond to Comments/DVSR Finalization	10 days	Fri 3/12/10	Thu 3/25/10	139	[Gantt bar spanning from Fri 3/12/10 to Thu 3/25/10]															
141	NDEP Review and Approval	10 days	Fri 3/26/10	Thu 4/8/10	140	[Gantt bar spanning from Fri 3/26/10 to Thu 4/8/10]															
142	Remediation Planning	59 days	Mon 12/7/09	Thu 2/25/10		[Gantt bar spanning from Mon 12/7/09 to Thu 2/25/10]															
143	Conceptual Remediation Planning/Prelim Risk Eval	59 days	Mon 12/7/09	Thu 2/25/10		[Gantt bar spanning from Mon 12/7/09 to Thu 2/25/10]															
144	Area 1	41 days	Mon 12/7/09	Mon 2/1/10		[Gantt bar spanning from Mon 12/7/09 to 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

Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1				Q2			Q3			Q4				
						D	J	F	M	A	M	J	J	A	S	O	N	D		
145	Area II	15 days	Mon 1/18/10	Fri 2/5/10	100															
146	Area IV	17 days	Wed 2/3/10	Thu 2/25/10	101															
147	Area III	17 days	Wed 2/3/10	Thu 2/25/10	102															
148	Phase B Remediation Supplemental Sampling	207 days	Mon 11/23/09	Tue 9/7/10		[Gantt bar spanning from Mon 11/23/09 to Tue 9/7/10]														
149	Area I	43 days	Mon 11/23/09	Wed 1/20/10		[Gantt bar spanning from Mon 11/23/09 to Wed 1/20/10]														
150	Field Coordination/GBP	10 days	Mon 11/23/09	Fri 12/4/09																
151	Field Sampling	3 days	Mon 12/7/09	Wed 12/9/09	150															
152	Laboratory Analysis	30 days	Thu 12/10/09	Wed 1/20/10	151															
153	Area II	49 days	Mon 12/7/09	Thu 2/11/10		[Gantt bar spanning from Mon 12/7/09 to Thu 2/11/10]														
154	Field Coordination/GBP	5 days	Mon 12/7/09	Fri 12/11/09	150															
155	Field Sampling	4 days	Mon 12/14/09	Thu 12/17/09	151SS, 154															
156	Laboratory Analysis	30 days	Fri 12/18/09	Thu 1/28/10	155															
157	TCLP Analysis	10 days	Fri 1/29/10	Thu 2/11/10	156															
158	Waste Profile	30 days	Thu 2/11/10	Thu 3/25/10		[Gantt bar spanning from Thu 2/11/10 to Thu 3/25/10]														
159	Submittal of Analysis Profiles to Landfills	0 days	Thu 2/11/10	Thu 2/11/10	157															
160	Acceptance of Profile Information by Landfills (subject to change)	30 days	Fri 2/12/10	Thu 3/25/10		[Gantt bar spanning from Fri 2/12/10 to Thu 3/25/10]														
161	Parcel Profile	26 days	Fri 2/12/10	Fri 3/19/10	159															
162	MN Tails Profile	25 days	Fri 2/12/10	Thu 3/18/10	159															
163	Site-Wide Profile	30 days	Fri 2/12/10	Thu 3/25/10	159															
164	Haz Waste Landfill	30 days	Fri 2/12/10	Thu 3/25/10	159															
165	Data Validation and DVSR (Area I/II Supplemental Sampling)	40 days	Mon 2/15/10	Fri 4/9/10		[Gantt bar spanning from Mon 2/15/10 to Fri 4/9/10]														
166	Submittal of EDDs to NDEP/Neptune	0 days	Mon 2/15/10	Mon 2/15/10	152, 156															
167	Data Validation	10 days	Mon 2/15/10	Fri 2/26/10	166															
168	DVSR	30 days	Mon 3/1/10	Fri 4/9/10	167															
169	Dioxin TEQ Bioaccessability Study	88 days	Mon 2/1/10	Wed 6/2/10		[Gantt bar spanning from Mon 2/1/10 to Wed 6/2/10]														
170	Protocol Development	9 days	Mon 2/1/10	Thu 2/11/10																
171	NDEP Review and Comments	3 days	Fri 2/12/10	Tue 2/16/10	170															
172	Respond to NDEP comments	3 days	Wed 2/17/10	Fri 2/19/10	171															
173	Submit Draft to NDEP	0 days	Fri 2/19/10	Fri 2/19/10	172															
174	Respond to Comments/WP Finalization	2 days	Mon 2/22/10	Tue 2/23/10	173															
175	NDEP Review and Approval	0 days	Tue 2/23/10	Tue 2/23/10	174															
176	Field Work	8 days	Wed 2/24/10	Fri 3/5/10		[Gantt bar spanning from Wed 2/24/10 to Fri 3/5/10]														
177	Field Coordination/GBP	7 days	Wed 2/24/10	Thu 3/4/10	175															
178	Field Sampling	1 day	Fri 3/5/10	Fri 3/5/10	177															
179	Laboratory Analysis	40 days	Mon 3/8/10	Fri 4/30/10	178	[Gantt bar spanning from Mon 3/8/10 to Fri 4/30/10]														
180	8290 Analysis	10 days	Mon 3/8/10	Fri 3/19/10																
181	In-Vitro Analysis	10 days	Mon 3/22/10	Fri 4/2/10	180															
182	Data Validation	20 days	Mon 4/5/10	Fri 4/30/10	181															
183	Biaccessibility Evaluation and Report	43 days	Mon 4/5/10	Wed 6/2/10		[Gantt bar spanning from Mon 4/5/10 to Wed 6/2/10]														
184	Data Evaluation	2 days	Mon 4/5/10	Tue 4/6/10	181															
185	Draft Report Preparation	10 days	Wed 4/7/10	Tue 4/20/10	184															
186	Review (Tronox, Chartis)	3 days	Wed 4/21/10	Fri 4/23/10	185															
187	Revise and Finalize Draft Report	3 days	Mon 4/26/10	Wed 4/28/10	185, 186															
188	Submit to NDEP	0 days	Wed 4/28/10	Wed 4/28/10	187															
189	NDEP Preliminary Review	5 days	Thu 4/29/10	Wed 5/5/10	188															
190	NDEP Review	10 days	Thu 4/29/10	Wed 5/12/10	189FS-5 days															
191	Respond to Comments/Finalization	10 days	Thu 5/13/10	Wed 5/26/10	190															
192	NDEP Review and Approval	5 days	Thu 5/27/10	Wed 6/2/10	191															
193	Remediation Zone Sampling	143 days	Fri 2/19/10	Tue 9/7/10		[Gantt bar spanning from Fri 2/19/10 to Tue 9/7/10]														
194	Scoping	4 days	Fri 2/19/10	Wed 2/24/10	147FS-5 days															
195	NDEP Meeting	1 day	Mon 2/22/10	Mon 2/22/10	194SS+1 day															
196	Work Plan	19 days	Thu 2/25/10	Tue 3/23/10		[Gantt bar spanning from Thu 2/25/10 to Tue 3/23/10]														

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

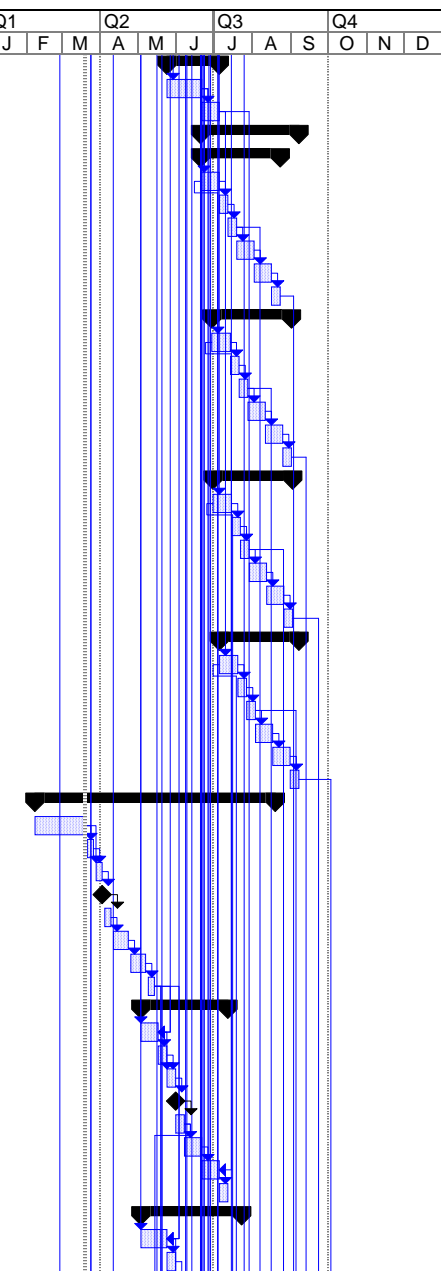
March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	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	194														
198	Tronox/Chartis Review	5 days	Wed 3/3/10	Tue 3/9/10	197														
199	Submittal to NDEP	0 days	Tue 3/9/10	Tue 3/9/10	198														
200	NDEP Preliminary Approval	5 days	Wed 3/10/10	Tue 3/16/10	199														
201	NDEP Review and Approval	10 days	Wed 3/10/10	Tue 3/23/10	200FS-5 days														
202	Bid Development	10 days	Mon 3/15/10	Fri 3/26/10															
203	SOW preparation	5 days	Mon 3/15/10	Fri 3/19/10	200FS-2 days														
204	Submittal to Contractors	0 days	Fri 3/19/10	Fri 3/19/10	203														
205	Contractor Selection	5 days	Mon 3/22/10	Fri 3/26/10	204														
206	Notice to Proceed	0 days	Fri 3/26/10	Fri 3/26/10	205														
207	Field Work	52 days	Wed 3/24/10	Thu 6/3/10															
208	Mobilization	5 days	Mon 3/29/10	Fri 4/2/10	206														
209	RZ-B	13 days	Wed 3/24/10	Fri 4/9/10															
210	Field Coordination/GBP	5 days	Wed 3/24/10	Tue 3/30/10	201														
211	Field Sampling	5 days	Mon 4/5/10	Fri 4/9/10	210,208														
212	RZ-C	18 days	Fri 3/26/10	Tue 4/20/10															
213	Field Coordination/GBP	5 days	Fri 3/26/10	Thu 4/1/10	210FS-3 days														
214	Field Sampling	7 days	Mon 4/12/10	Tue 4/20/10	213,211														
215	RZ-D	14 days	Fri 4/2/10	Wed 4/21/10															
216	Field Coordination/GBP	5 days	Fri 4/2/10	Thu 4/8/10	213														
217	Field Sampling	9 days	Fri 4/9/10	Wed 4/21/10	216														
218	RZ-E	12 days	Fri 4/9/10	Mon 4/26/10															
219	Field Coordination/GBP	5 days	Fri 4/9/10	Thu 4/15/10	216														
220	Field Sampling	3 days	Thu 4/22/10	Mon 4/26/10	219,217														
221	Additional Step-Out Sampling (if required)	10 days	Fri 4/23/10	Thu 5/6/10															
222	Field Coordination/GBP	5 days	Fri 4/23/10	Thu 4/29/10	231FS-4 days														
223	Field Sampling	5 days	Fri 4/30/10	Thu 5/6/10	222														
224	Laboratory Analysis	47 days	Wed 3/31/10	Thu 6/3/10															
225	Mobile Laboratory Analysis	26 days	Wed 3/31/10	Wed 5/5/10															
226	Mobilization	3 days	Wed 3/31/10	Fri 4/2/10	205,211SS-3 day														
227	Analysis	23 days	Mon 4/5/10	Wed 5/5/10															
228	RZ-B	7 days	Mon 4/5/10	Tue 4/13/10	211SS,226														
229	RZ-C	10 days	Mon 4/12/10	Fri 4/23/10	214SS														
230	RZ-D	15 days	Fri 4/9/10	Thu 4/29/10	217SS														
231	RZ-E	5 days	Thu 4/22/10	Wed 4/28/10	220SS														
232	Additional Step-Out (if required)	5 days	Thu 4/29/10	Wed 5/5/10	231														
233	Fixed Lab Analysis	39 days	Mon 4/12/10	Thu 6/3/10	211SS+1 day														
234	RZ-B	20 days	Mon 4/12/10	Fri 5/7/10	211														
235	RZ-C	20 days	Wed 4/21/10	Tue 5/18/10	214														
236	RZ-D	20 days	Thu 4/22/10	Wed 5/19/10	217														
237	RZ-E	20 days	Tue 4/27/10	Mon 5/24/10	220														
238	Additional Step-Out (if required)	20 days	Fri 5/7/10	Thu 6/3/10	223														
239	Data Validation	41 days	Mon 5/10/10	Mon 7/5/10															
240	RZ-B	30 days	Mon 5/10/10	Fri 6/18/10															
241	DV EDDs	20 days	Mon 5/10/10	Fri 6/4/10	234														
242	Data Validation Summary Tables	10 days	Mon 6/7/10	Fri 6/18/10	241														
243	RZ-C	30 days	Wed 5/19/10	Tue 6/29/10															
244	DV EDDs	20 days	Wed 5/19/10	Tue 6/15/10	235														
245	Data Validation Summary Tables	10 days	Wed 6/16/10	Tue 6/29/10	244														
246	RZ-D	30 days	Thu 5/20/10	Wed 6/30/10															
247	DV EDDs	20 days	Thu 5/20/10	Wed 6/16/10	236														
248	Data Validation Summary Tables	10 days	Thu 6/17/10	Wed 6/30/10	247														

Legend: Task (blue box), Milestone (black diamond), Rolled Up Task (hatched box), Rolled Up Progress (hatched box), External Tasks (grey box), Group By Summary (grey bar), Progress (black line), Summary (grey line), Rolled Up Milestone (black diamond with border), Split (dotted line), Project Summary (grey bar), Deadline (green arrow).

ID	Task Name	Duration	Start	Finish	Predecessors	Q1			Q2		Q3			Q4		
						D	J	F	M	A	M	J	J	A	S	O
249	RZ-E	30 days	Tue 5/25/10	Mon 7/5/10												
250	DV EDDs	20 days	Tue 5/25/10	Mon 6/21/10	237											
251	Data Validation Summary Tables	10 days	Tue 6/22/10	Mon 7/5/10	250											
252	Data Validation Summary Report - RZ Sampling	57 days	Mon 6/21/10	Tue 9/7/10												
253	RZ-B	46 days	Mon 6/21/10	Mon 8/23/10												
254	Internal Draft DVSR	11 days	Mon 6/21/10	Mon 7/5/10	242											
255	Submit to Tronox/Chartis	5 days	Tue 7/6/10	Mon 7/12/10	254											
256	Submit to NDEP	5 days	Tue 7/13/10	Mon 7/19/10	255											
257	NDEP Review	10 days	Tue 7/20/10	Mon 8/2/10	256											
258	Respond to Comments/DVSR Finalization	10 days	Tue 8/3/10	Mon 8/16/10	257											
259	NDEP Review and Approval	5 days	Tue 8/17/10	Mon 8/23/10	258											
260	RZ-C	46 days	Wed 6/30/10	Wed 9/1/10												
261	Internal Draft DVSR	11 days	Wed 6/30/10	Wed 7/14/10	245											
262	Submit to Tronox/Chartis	5 days	Thu 7/15/10	Wed 7/21/10	261											
263	Submit to NDEP	5 days	Thu 7/22/10	Wed 7/28/10	262											
264	NDEP Review	10 days	Thu 7/29/10	Wed 8/11/10	263											
265	Respond to Comments/DVSR Finalization	10 days	Thu 8/12/10	Wed 8/25/10	264											
266	NDEP Review and Approval	5 days	Thu 8/26/10	Wed 9/1/10	265											
267	RZ-D	46 days	Thu 7/1/10	Thu 9/2/10												
268	Internal Draft DVSR	11 days	Thu 7/1/10	Thu 7/15/10	248											
269	Submit to Tronox/Chartis	5 days	Fri 7/16/10	Thu 7/22/10	268											
270	Submit to NDEP	5 days	Fri 7/23/10	Thu 7/29/10	269											
271	NDEP Review	10 days	Fri 7/30/10	Thu 8/12/10	270											
272	Respond to Comments/DVSR Finalization	10 days	Fri 8/13/10	Thu 8/26/10	271											
273	NDEP Review and Approval	5 days	Fri 8/27/10	Thu 9/2/10	272											
274	RZ-E	46 days	Tue 7/6/10	Tue 9/7/10												
275	Internal Draft DVSR	11 days	Tue 7/6/10	Tue 7/20/10	251											
276	Submit to Tronox/Chartis	5 days	Wed 7/21/10	Tue 7/27/10	275											
277	Submit to NDEP	5 days	Wed 7/28/10	Tue 8/3/10	276											
278	NDEP Review	10 days	Wed 8/4/10	Tue 8/17/10	277											
279	Respond to Comments/DVSR Finalization	10 days	Wed 8/18/10	Tue 8/31/10	278											
280	NDEP Review and Approval	5 days	Wed 9/1/10	Tue 9/7/10	279											
281	Removal Action Work Plan (Including PAMP, SWPPP)	139 days	Mon 2/8/10	Thu 8/19/10												
282	RAW Preparation	30 days	Mon 2/8/10	Fri 3/19/10												
283	Review RAW (Tronox, Chartis)	5 days	Mon 3/22/10	Fri 3/26/10	282											
284	Revise and Finalize RAW	5 days	Mon 3/29/10	Fri 4/2/10	282,283											
285	Submit RAW to NDEP	0 days	Fri 4/2/10	Fri 4/2/10	284											
286	NDEP Preliminary Review	5 days	Mon 4/5/10	Fri 4/9/10	285											
287	NDEP Review	10 days	Mon 4/12/10	Fri 4/23/10	286											
288	Respond to Comments/RAW Finalization	10 days	Mon 4/26/10	Fri 5/7/10	287											
289	NDEP Review and Approve RAW	5 days	Mon 5/10/10	Fri 5/14/10	288											
290	RZ-B Excavation Plan	50 days	Tue 5/4/10	Mon 7/12/10												
291	EP Preparation	10 days	Tue 5/4/10	Mon 5/17/10	228,234FF+4 day											
292	Review (Tronox, Chartis)	5 days	Tue 5/18/10	Mon 5/24/10	291											
293	Revise and Finalize EP	5 days	Tue 5/25/10	Mon 5/31/10	291,292											
294	Submit EP App to NDEP	0 days	Mon 5/31/10	Mon 5/31/10	293											
295	NDEP Preliminary Review	5 days	Tue 6/1/10	Mon 6/7/10	294											
296	NDEP Review	10 days	Tue 6/8/10	Mon 6/21/10	295											
297	Respond to Comments/EP Finalization	10 days	Tue 6/22/10	Mon 7/5/10	296,242FF+5 day											
298	NDEP Review and Approve EP	5 days	Tue 7/6/10	Mon 7/12/10	297											
299	RZ-C Excavation Plan	59 days	Tue 5/4/10	Fri 7/23/10												
300	EP Preparation	15 days	Tue 5/4/10	Mon 5/24/10	229,235FF+4 day											
301	Review (Tronox, Chartis)	5 days	Tue 5/25/10	Mon 5/31/10	300											



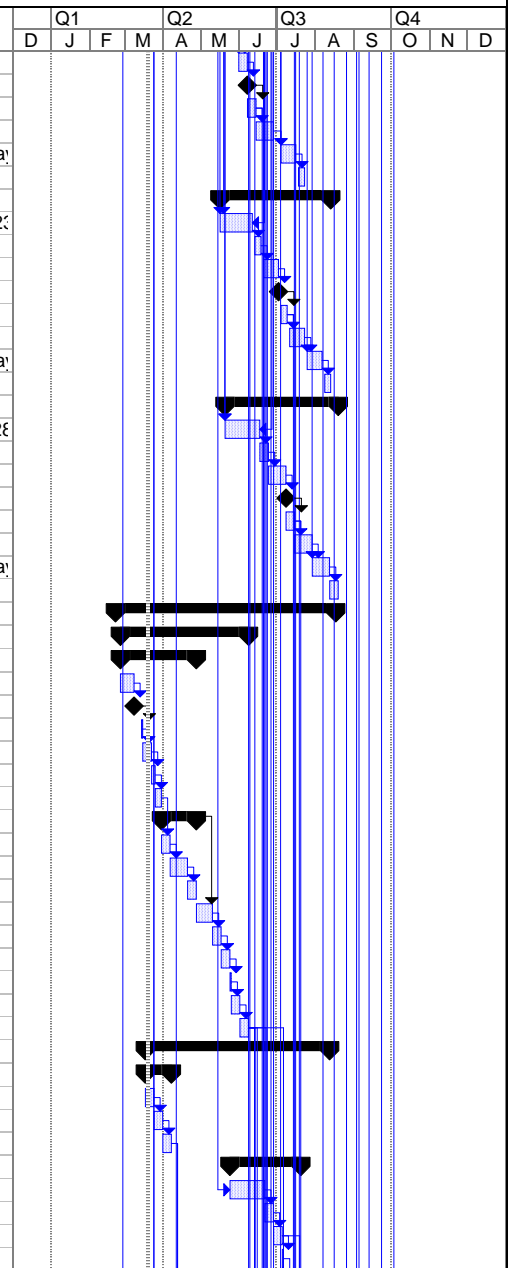
Task	Progress	Milestone	Summary	Rolled Up Task	Rolled Up Milestone	Rolled Up Progress	Split	External Tasks	Project Summary	Group By Summary	Deadline
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Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	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	301,300															
303	Submit to NDEP	0 days	Mon 6/7/10	Mon 6/7/10	302															
304	NDEP Preliminary Review	5 days	Tue 6/8/10	Mon 6/14/10	303															
305	NDEP Review	10 days	Tue 6/15/10	Mon 6/28/10	304															
306	Respond to Comments/EP Finalization	10 days	Mon 7/5/10	Fri 7/16/10	305,245FS+3 da															
307	NDEP Review and Approve EP	5 days	Mon 7/19/10	Fri 7/23/10	306															
308	RZ-D Excavation Plan	65 days	Mon 5/17/10	Fri 8/13/10																
309	EP Preparation	20 days	Mon 5/17/10	Fri 6/11/10	230FS+5 days,2															
310	Review (Tronox, Chartis)	5 days	Mon 6/14/10	Fri 6/18/10	309															
311	Revise and Finalize	10 days	Mon 6/21/10	Fri 7/2/10	310															
312	Submit to NDEP	0 days	Fri 7/2/10	Fri 7/2/10	311															
313	NDEP Preliminary Review	5 days	Mon 7/5/10	Fri 7/9/10	312															
314	NDEP Review	10 days	Mon 7/12/10	Fri 7/23/10	313															
315	Respond to Comments/EP Finalization	10 days	Mon 7/26/10	Fri 8/6/10	314,248FS+3 da															
316	NDEP Review and Approve EP	5 days	Mon 8/9/10	Fri 8/13/10	315															
317	RZ-E Excavation Plan	65 days	Fri 5/21/10	Thu 8/19/10																
318	EP Preparation	20 days	Fri 5/21/10	Thu 6/17/10	237FF+5 days,2															
319	Review (Tronox, Chartis)	5 days	Fri 6/18/10	Thu 6/24/10	318															
320	Revise and Finalize	10 days	Fri 6/25/10	Thu 7/8/10	319															
321	Submit to NDEP	0 days	Thu 7/8/10	Thu 7/8/10	320															
322	NDEP Preliminary Review	5 days	Fri 7/9/10	Thu 7/15/10	321															
323	NDEP Review	10 days	Fri 7/16/10	Thu 7/29/10	322															
324	Respond to Comments/EP Finalization	10 days	Fri 7/30/10	Thu 8/12/10	323,251FS+3 da															
325	NDEP Review and Approve EP	5 days	Fri 8/13/10	Thu 8/19/10	324															
326	Contractor Plans And Specifications/Contractor Selection	127 days	Mon 2/22/10	Tue 8/17/10																
327	Demolition	73 days	Fri 2/26/10	Tue 6/8/10																
328	Regulated Building Material Surveys	43 days	Fri 2/26/10	Tue 4/27/10																
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	329															
331	Bid Walk	1 day	Mon 3/15/10	Mon 3/15/10	330FS+4 days															
332	Receive Bids	5 days	Tue 3/16/10	Mon 3/22/10	331															
333	Select Contractor	3 days	Tue 3/23/10	Thu 3/25/10	332															
334	Contractor Mobilization	3 days	Fri 3/26/10	Tue 3/30/10	333															
335	Conduct Surveys	20 days	Wed 3/31/10	Tue 4/27/10																
336	Field Work	5 days	Wed 3/31/10	Tue 4/6/10	334															
337	Analysis	10 days	Wed 4/7/10	Tue 4/20/10	336															
338	Report Prep	5 days	Wed 4/21/10	Tue 4/27/10	337															
339	Prepare Demo and Abatement Plans and Specifications	9 days	Wed 4/28/10	Mon 5/10/10	335															
340	Review Plans and Specifications (Tronox)	5 days	Tue 5/11/10	Mon 5/17/10	339															
341	Issue Plans and Specifications	5 days	Tue 5/18/10	Mon 5/24/10	340															
342	Bid Walk	1 day	Tue 5/25/10	Tue 5/25/10	341															
343	Bid Submittal Date	5 days	Wed 5/26/10	Tue 6/1/10	342															
344	Review Bids and Award Contract	5 days	Wed 6/2/10	Tue 6/8/10	343															
345	Remediation	106 days	Thu 3/18/10	Thu 8/12/10																
346	Mn Tailings	15 days	Thu 3/18/10	Wed 4/7/10																
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	347															
349	Review Bids, Contract Negotiation and Award	5 days	Thu 4/1/10	Wed 4/7/10	348															
350	Site Wide - (based on Area B, supplements to follow)	41 days	Tue 5/25/10	Tue 7/20/10																
351	Prepare Remediation Plans and Specifications	20 days	Tue 5/25/10	Mon 6/21/10	295FS-10 days															
352	Review Plans and Specifications (Tronox, Chartis)	5 days	Tue 6/22/10	Mon 6/28/10	351															
353	Issue Plans and Specifications	5 days	Tue 6/29/10	Mon 7/5/10	352															
354	Bid Walk	1 day	Tue 7/6/10	Tue 7/6/10	353															



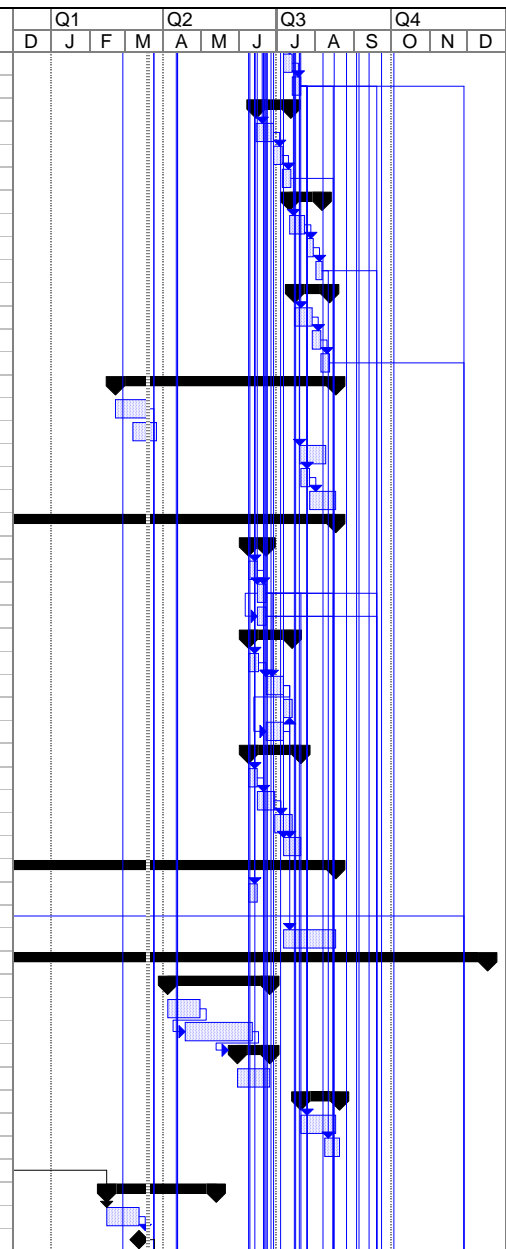
Task		Milestone		Rolled Up Task		Rolled Up Progress		External Tasks		Group By Summary	
Progress		Summary		Rolled Up Milestone		Split		Project Summary		Deadline	

Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1		Q2		Q3		Q4	
						D	J	F	M	A	M	J	J
355	Bid Submittal Date	5 days	Wed 7/7/10	Tue 7/13/10	354								
356	Review Bids, Contract Negotiation and Award	5 days	Wed 7/14/10	Tue 7/20/10	355								
357	RZ-C	20 days	Tue 6/15/10	Mon 7/12/10									
358	Prepare Remediation Plans and Specifications	10 days	Tue 6/15/10	Mon 6/28/10	304								
359	Review Plans and Specifications (Tronox, Chartis)	5 days	Tue 6/29/10	Mon 7/5/10	358								
360	Issue Plans and Specifications	5 days	Tue 7/6/10	Mon 7/12/10	359								
361	RZ-D	20 days	Mon 7/12/10	Fri 8/6/10									
362	Prepare Remediation Plans and Specifications	10 days	Mon 7/12/10	Fri 7/23/10	313								
363	Review Plans and Specifications (Tronox, Chartis)	5 days	Mon 7/26/10	Fri 7/30/10	362								
364	Issue Plans and Specifications	5 days	Mon 8/2/10	Fri 8/6/10	363								
365	RZ-E	20 days	Fri 7/16/10	Thu 8/12/10									
366	Prepare Remediation Plans and Specifications	10 days	Fri 7/16/10	Thu 7/29/10	322								
367	Review Plans and Specifications (Tronox, Chartis)	5 days	Fri 7/30/10	Thu 8/5/10	366								
368	Issue Plans and Specifications	5 days	Fri 8/6/10	Thu 8/12/10	367								
369	Grading and Dust Monitoring Permit	127 days	Mon 2/22/10	Tue 8/17/10									
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	Tue 7/20/10	Mon 8/9/10	353FS+10 days								
373	Contractor Submits Grading and DMP	5 days	Wed 7/21/10	Tue 7/27/10	356								
374	Clark County Review/Permitting	15 days	Wed 7/28/10	Tue 8/17/10	373								
375	Demolition	350 days	Wed 4/15/09	Tue 8/17/10									
376	RZ-B	10 days	Wed 6/9/10	Tue 6/22/10									
377	Install Temporary SWPPP Measures	5 days	Wed 6/9/10	Tue 6/15/10	344								
378	Demolish Applicable Bldgs	5 days	Wed 6/16/10	Tue 6/22/10	344,377								
379	Remove Applicable Utilities	5 days	Wed 6/16/10	Tue 6/22/10	378SS								
380	RZ-C	25 days	Wed 6/9/10	Tue 7/13/10									
381	Install Temporary SWPPP Measures	6 days	Wed 6/9/10	Wed 6/16/10	344								
382	Demolish Applicable Bldgs	10 days	Wed 6/23/10	Tue 7/6/10	344,378,381								
383	Install Temporary Critical Utilities	5 days	Wed 7/7/10	Tue 7/13/10	384								
384	Remove Applicable Utilities	10 days	Wed 6/23/10	Tue 7/6/10	382FS-10 days								
385	RZ-D	30 days	Wed 6/9/10	Tue 7/20/10									
386	Install Temporary SWPPP Measures	5 days	Wed 6/9/10	Tue 6/15/10	344								
387	Demolish Applicable Buildings	10 days	Wed 6/16/10	Tue 6/29/10	386								
388	Install Temporary Critical Utilities	10 days	Wed 6/30/10	Tue 7/13/10	387								
389	Remove Applicable Utilities	10 days	Wed 7/7/10	Tue 7/20/10	344,384								
390	RZ-E	350 days	Wed 4/15/09	Tue 8/17/10									
391	Install Temporary SWPPP Measures	5 days	Wed 6/9/10	Tue 6/15/10	344								
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	382								
394	Soil Remediation	640 days	Mon 7/7/08	Fri 12/17/10									
395	Identify Backfill Source(s)	60 days	Mon 4/5/10	Fri 6/25/10									
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	396FS-10 days								
398	Soil Certification (if required)	20 days	Mon 5/31/10	Fri 6/25/10	397FS-10 days								
399	Soil Sampling and Analysis	20 days	Mon 5/31/10	Fri 6/25/10									
400	Implementation of SWPPP Measures	23 days	Wed 7/21/10	Fri 8/20/10									
401	Site Wide	20 days	Wed 7/21/10	Tue 8/17/10	356								
402	Beta Ditch	10 days	Mon 8/9/10	Fri 8/20/10	364								
403	Parcel C, D, F, G, H WP Approval	0 days	Mon 7/7/08	Mon 7/7/08									
404	Parcels C, D, F, G and H	64 days	Mon 2/15/10	Thu 5/13/10									
405	Contractor Selection	20 days	Mon 2/15/10	Fri 3/12/10	403								
406	Notice to Proceed	0 days	Fri 3/12/10	Fri 3/12/10	405								



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 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1				Q2			Q3			Q4		
						D	J	F	M	A	M	J	J	A	S	O	N	D
407	Excavate, Transport to TSDF	10 days	Mon 3/22/10	Fri 4/2/10	406,370,161													
408	Confirmation Sampling and Analysis	5 days	Mon 4/5/10	Fri 4/9/10	407													
409	Additional Excavation (if required)	4 days	Mon 4/12/10	Thu 4/15/10	408													
410	Collect and Evaluate Confirmation Samples	20 days	Fri 4/16/10	Thu 5/13/10	409													
411	Mn Tailings	78 days	Thu 4/8/10	Mon 7/26/10														
412	Contractor Mobilization	3 days	Thu 4/8/10	Mon 4/12/10	349													
413	Excavate, Transport to TSDF	70 days	Tue 4/13/10	Mon 7/19/10	349,412													
414	Dust Monitoring	70 days	Tue 4/13/10	Mon 7/19/10	413SS													
415	Contractor Demobilization	5 days	Tue 7/20/10	Mon 7/26/10	414													
416	Contractor Mob (RZs)	3 days	Wed 7/21/10	Fri 7/23/10	378,356													
417	RZ-B	15 days	Mon 7/26/10	Fri 8/13/10														
418	Excavate, Transport to TSDF	15 days	Mon 7/26/10	Fri 8/13/10	378,356,416													
419	Dust Monitoring	15 days	Mon 7/26/10	Fri 8/13/10	418SS													
420	Perimeter Air Monitoring	15 days	Mon 7/26/10	Fri 8/13/10	419SS													
421	RZ-C	25 days	Mon 8/16/10	Fri 9/17/10														
422	Excavate, Transport to TSDF	25 days	Mon 8/16/10	Fri 9/17/10	360,378FS-5 day													
423	Dust Monitoring	25 days	Mon 8/16/10	Fri 9/17/10	422SS													
424	Perimeter Air Monitoring	25 days	Mon 8/16/10	Fri 9/17/10	423SS													
425	RZ-D	55 days	Mon 9/13/10	Fri 11/26/10														
426	Haul Road Development	5 days	Mon 9/13/10	Fri 9/17/10	422FS-5 days,41													
427	Dust Monitoring	50 days	Mon 9/20/10	Fri 11/26/10	428SS													
428	Excavate, Transport to TSDF	50 days	Mon 9/20/10	Fri 11/26/10	364,378,379,356													
429	Perimeter Air Monitoring	50 days	Mon 9/20/10	Fri 11/26/10	427SS													
430	RZ-E	10 days	Mon 11/29/10	Fri 12/10/10														
431	Excavate, Transport to TSDF	10 days	Mon 11/29/10	Fri 12/10/10	368,356,428,426													
432	Dust Monitoring	10 days	Mon 11/29/10	Fri 12/10/10	431SS													
433	Perimeter Air Monitoring	10 days	Mon 11/29/10	Fri 12/10/10	432SS													
434	Contractor Demobilization	5 days	Mon 12/13/10	Fri 12/17/10	431													
435	Data Validation and DVSR Reports	50 days	Fri 5/14/10	Thu 7/22/10														
436	Data Validation Summary Report - Parcels C, D, F, G and H	50 days	Fri 5/14/10	Thu 7/22/10														
437	Internal Draft DVSR	15 days	Fri 5/14/10	Thu 6/3/10	410													
438	Client Review/Draft Finalization	5 days	Fri 6/4/10	Thu 6/10/10	437													
439	Submit to NDEP	0 days	Thu 6/10/10	Thu 6/10/10	438													
440	NDEP Review	15 days	Fri 6/11/10	Thu 7/1/10	439													
441	Respond to Comments/DVSR Finalization	10 days	Fri 7/2/10	Thu 7/15/10	440													
442	NDEP Approval	5 days	Fri 7/16/10	Thu 7/22/10	441													
443	Replace Utility Lines as Necessary	95 days	Mon 8/16/10	Fri 12/24/10														
444	Perimeter Air Monitoring (if necessary)	95 days	Mon 8/16/10	Fri 12/24/10	418													
445	RZ-B	20 days	Mon 8/16/10	Fri 9/10/10	418,444SS													
446	RZ-C	20 days	Mon 9/20/10	Fri 10/15/10	422													
447	RZ-D	20 days	Mon 11/29/10	Fri 12/24/10	428													
448	RZ-E	10 days	Mon 12/13/10	Fri 12/24/10	431													
449	Environmental Covenants	220 days	Mon 3/8/10	Fri 1/7/11														
450	Develop EC Document	105 days	Mon 3/8/10	Fri 7/30/10														
451	EC Document Preparation	25 days	Mon 3/8/10	Fri 4/9/10														
452	Review EC Plan (Tronox, Chartis)	5 days	Mon 4/12/10	Fri 4/16/10	451													
453	Revise and Finalize EC Plan	5 days	Mon 4/19/10	Fri 4/23/10	452													
454	Submit EC Plan to NDEP	0 days	Fri 4/23/10	Fri 4/23/10	453													
455	NDEP Review	20 days	Mon 4/26/10	Fri 5/21/10	454													
456	Respond to Comments/WP Finalization	10 days	Mon 5/24/10	Fri 6/4/10	455													
457	NDEP Prelim approval	20 days	Mon 6/7/10	Fri 7/2/10	456													
458	NDEP Approval	20 days	Mon 7/5/10	Fri 7/30/10	457													

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





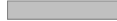







Progress Summary Rolled Up Milestone Split Project Summary Deadline

Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1				Q2			Q3			Q4		
						D	J	F	M	A	M	J	J	A	S	O	N	D
459	Develop Risk Management Plan	105 days	Mon 3/8/10	Fri 7/30/10														
460	RMP Preparation	45 days	Mon 3/8/10	Fri 5/7/10														
461	Review RMP (Tronox, Chartis)	5 days	Mon 5/10/10	Fri 5/14/10	460													
462	Revise and Finalize RMP	5 days	Mon 5/17/10	Fri 5/21/10	461													
463	Submit RMP to NDEP	0 days	Fri 5/21/10	Fri 5/21/10	462													
464	NDEP Review	20 days	Mon 5/24/10	Fri 6/18/10	463													
465	Respond to Comments/RMP Finalization	10 days	Mon 6/21/10	Fri 7/2/10	464													
466	NDEP Approval	20 days	Mon 7/5/10	Fri 7/30/10	465													
467	Cap Pond Berms	30 days	Mon 9/20/10	Fri 10/29/10	422													
468	Cap Remaining Impacted Soils -if necessary	85 days	Mon 9/13/10	Fri 1/7/11	458													
469	RZ-B	20 days	Mon 9/13/10	Fri 10/8/10	445													
470	RZ-C	20 days	Mon 10/18/10	Fri 11/12/10	446													
471	RZ-D	10 days	Mon 12/27/10	Fri 1/7/11	447													
472	RZ-E	5 days	Mon 12/27/10	Fri 12/31/10	448													
473	Finish Grading	58 days	Wed 11/3/10	Fri 1/21/11														
474	RZ-B	20 days	Wed 11/3/10	Tue 11/30/10	469,567													
475	RZ-C	20 days	Mon 11/15/10	Fri 12/10/10	470,578													
476	RZ-D	10 days	Mon 1/10/11	Fri 1/21/11	471,589													
477	RZ-E	10 days	Mon 1/3/11	Fri 1/14/11	472,600													
478	Perchlorate Soil Flushing	294 days	Mon 3/1/10	Thu 4/14/11														
479	Pilot Test Workplan	52 days	Mon 3/1/10	Tue 5/11/10														
480	Workplan Preparation	12 days	Mon 3/1/10	Tue 3/16/10														
481	Review Workplan (Tronox, Chartis)	5 days	Wed 3/17/10	Tue 3/23/10	480													
482	Revise and Finalize WP	5 days	Wed 3/24/10	Tue 3/30/10	481													
483	Submit WP to NDEP	0 days	Tue 3/30/10	Tue 3/30/10	482													
484	NDEP Review	15 days	Wed 3/31/10	Tue 4/20/10	483													
485	Respond to Comments/WP Finalization	10 days	Wed 4/21/10	Tue 5/4/10	484													
486	NDEP Approval	5 days	Wed 5/5/10	Tue 5/11/10	485													
487	Pilot Test Implementation	141 days	Wed 5/12/10	Wed 11/24/10														
488	Contractor Selection	10 days	Wed 5/12/10	Tue 5/25/10	486													
489	Notice to Proceed	0 days	Tue 5/25/10	Tue 5/25/10	486,488													
490	Column Studies	46 days	Wed 5/26/10	Wed 7/28/10														
491	Collect Soil and Water Materials	5 days	Wed 5/26/10	Tue 6/1/10	489													
492	Analyze Soil and Water Materials	3 days	Wed 6/2/10	Fri 6/4/10	491													
493	Prepare Soil Columns	5 days	Mon 6/7/10	Fri 6/11/10	492													
494	Conduct soil column tests	10 days	Mon 6/14/10	Fri 6/25/10	493													
495	Complete Post Test Analyses	3 days	Mon 6/28/10	Wed 6/30/10	494													
496	Prepare Column Study Tech Memo	10 days	Thu 7/1/10	Wed 7/14/10	495													
497	Review Column Study Tech Memo	10 days	Thu 7/15/10	Wed 7/28/10	496													
498	Pilot Scale Demonstration	85 days	Thu 7/29/10	Wed 11/24/10														
499	Sample Candidate Pilot Study Areas	5 days	Thu 7/29/10	Wed 8/4/10	497													
500	Analyze Samples from Candidate Areas	5 days	Thu 8/5/10	Wed 8/11/10	499													
501	Select Pilot Study Area	5 days	Thu 8/12/10	Wed 8/18/10	500													
502	Complete Analysis of Study Area	5 days	Thu 8/19/10	Wed 8/25/10	501													
503	Build Pilot Study Percolation Area	10 days	Thu 8/26/10	Wed 9/8/10	502													
504	Install Pilot Study Monitoring Locations	4 days	Thu 9/9/10	Tue 9/14/10	503													
505	Sample Pilot Study Monitoring Locations	1 day	Wed 9/15/10	Wed 9/15/10	504													
506	Soil Flushing Percolation Period	30 days	Thu 9/16/10	Wed 10/27/10	505													
507	Complete Pilot Study Monitoring	20 days	Thu 10/28/10	Wed 11/24/10	506													
508	Pilot Test Evaluation Report	50 days	Thu 11/25/10	Wed 2/2/11														
509	Report Preparation	10 days	Thu 11/25/10	Wed 12/8/10	507													
510	Review Report (Tronox, Chartis)	5 days	Thu 12/9/10	Wed 12/15/10	509													

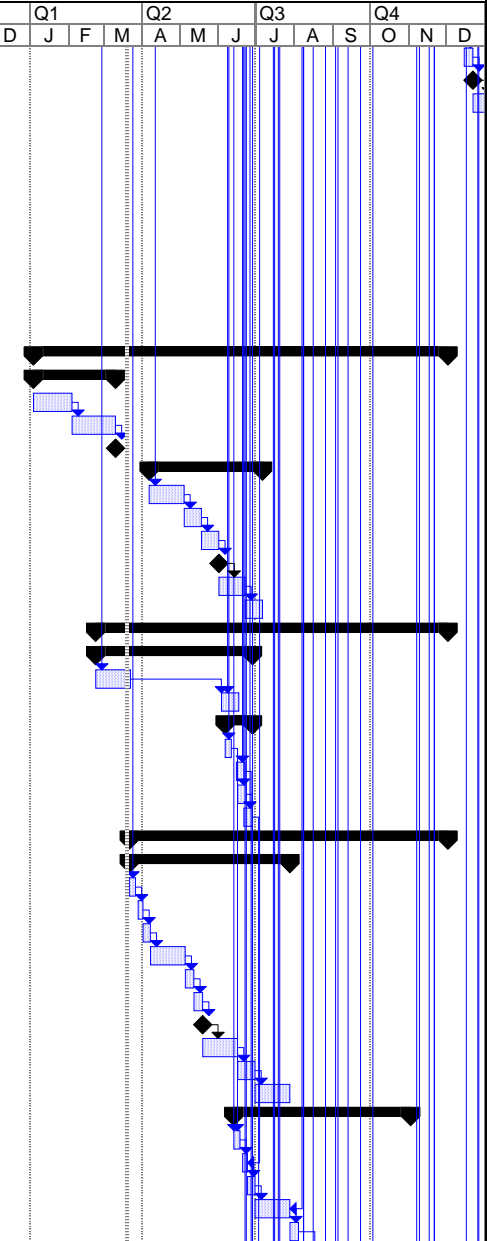
Task  Milestone  Rolled Up Task  Rolled Up Progress  External Tasks  Group By Summary 
 Progress  Summary  Rolled Up Milestone  Split  Project Summary  Deadline 

Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1							Q2			Q3			Q4		
						D	J	F	M	A	M	J	J	A	S	O	N	D			
511	Revise and Finalize	5 days	Thu 12/16/10	Wed 12/22/10	510																
512	Submit Report to NDEP	0 days	Wed 12/22/10	Wed 12/22/10	511																
513	NDEP Review	15 days	Thu 12/23/10	Wed 1/12/11	512																
514	Respond to Comments/Report Finalization	10 days	Thu 1/13/11	Wed 1/26/11	513																
515	NDEP Approval	5 days	Thu 1/27/11	Wed 2/2/11	514																
516	Full Scale Design and Installation (if required)	51 days	Thu 2/3/11	Thu 4/14/11																	
517	Prepare Remediation Plans and Specifications	10 days	Thu 2/3/11	Wed 2/16/11	515																
518	Review Plans and Specifications (Tronox, Chartis)	5 days	Thu 2/17/11	Wed 2/23/11	517																
519	Issue Plans and Specifications	5 days	Thu 2/24/11	Wed 3/2/11	518																
520	Bid Walk	1 day	Thu 3/3/11	Thu 3/3/11	519																
521	Bid Submittal Date	5 days	Fri 3/4/11	Thu 3/10/11	520																
522	Review Bids and Award Contract	5 days	Fri 3/11/11	Thu 3/17/11	521																
523	Installation	20 days	Fri 3/18/11	Thu 4/14/11	522																
524	Human Health Risk Evaluation	239 days	Mon 1/4/10	Thu 12/2/10																	
525	Human Health Risk WP	48 days	Mon 1/4/10	Wed 3/10/10																	
526	HHRA WP Revisions	23 days	Mon 1/4/10	Wed 2/3/10																	
527	HHRA WP Finalization	25 days	Thu 2/4/10	Wed 3/10/10	526																
528	NDEP Review and Approve	0 days	Wed 3/10/10	Wed 3/10/10	527																
529	Probabilistic HHRA (PRA) WP	65 days	Wed 4/7/10	Tue 7/6/10																	
530	PRA Development	20 days	Wed 4/7/10	Tue 5/4/10	184																
531	Review PRA and (Tronox, Chartis)	10 days	Wed 5/5/10	Tue 5/18/10	530																
532	Revise and Finalize PRA	10 days	Wed 5/19/10	Tue 6/1/10	531																
533	Submit PRA to NDEP	0 days	Tue 6/1/10	Tue 6/1/10	532																
534	NDEP Review and Discussion w/TRX	15 days	Wed 6/2/10	Tue 6/22/10	533																
535	Evaluation of Pathforward	10 days	Wed 6/23/10	Tue 7/6/10	534																
536	Human Health Risk Evaluation/Reports	203 days	Tue 2/23/10	Thu 12/2/10																	
537	Decision Unit Development	90 days	Tue 2/23/10	Mon 6/28/10																	
538	Preliminary Decision Unit (PDU) Development	20 days	Tue 2/23/10	Mon 3/22/10	195																
539	CSM Refinement	10 days	Fri 6/4/10	Thu 6/17/10	538,238																
540	Decision Unit Determination (subject to change)	16 days	Mon 6/7/10	Mon 6/28/10																	
541	RZ-B	5 days	Mon 6/7/10	Fri 6/11/10	241																
542	RZ-C	5 days	Wed 6/16/10	Tue 6/22/10	244																
543	RZ-D	5 days	Thu 6/17/10	Wed 6/23/10	247																
544	RZ-E	5 days	Tue 6/22/10	Mon 6/28/10	250																
545	Post Closure Risk Assessment	184 days	Mon 3/22/10	Thu 12/2/10																	
546	RZ-A	93 days	Mon 3/22/10	Wed 7/28/10																	
547	Data Evaluation	5 days	Mon 3/22/10	Fri 3/26/10	133																
548	Data Usability	4 days	Mon 3/29/10	Thu 4/1/10	547																
549	Preliminary Risk Calculations	4 days	Fri 4/2/10	Wed 4/7/10	548																
550	Prepare HHRA	20 days	Thu 4/8/10	Wed 5/5/10	549																
551	Review RA (Tronox, Chartis)	5 days	Thu 5/6/10	Wed 5/12/10	550																
552	Revise and Finalize	5 days	Thu 5/13/10	Wed 5/19/10	551																
553	Submit RA to NDEP	0 days	Wed 5/19/10	Wed 5/19/10	552																
554	NDEP Review and Comment	20 days	Thu 5/20/10	Wed 6/16/10	553																
555	RTC and Revisions	10 days	Thu 6/17/10	Wed 6/30/10	554																
556	NDEP Review and Approval	20 days	Thu 7/1/10	Wed 7/28/10	555																
557	RZ-B: will actually be based on DU's once developed	102 days	Mon 6/14/10	Tue 11/2/10																	
558	Data Evaluation	5 days	Mon 6/14/10	Fri 6/18/10	234,541																
559	Data Usability	4 days	Mon 6/21/10	Thu 6/24/10	558,254SF+4 da																
560	Preliminary Risk Calculations	4 days	Fri 6/25/10	Wed 6/30/10	559																
561	Prepare HHRA	20 days	Thu 7/1/10	Wed 7/28/10	560,256FF																
562	Review RA (Tronox, Chartis)	5 days	Thu 7/29/10	Wed 8/4/10	561																



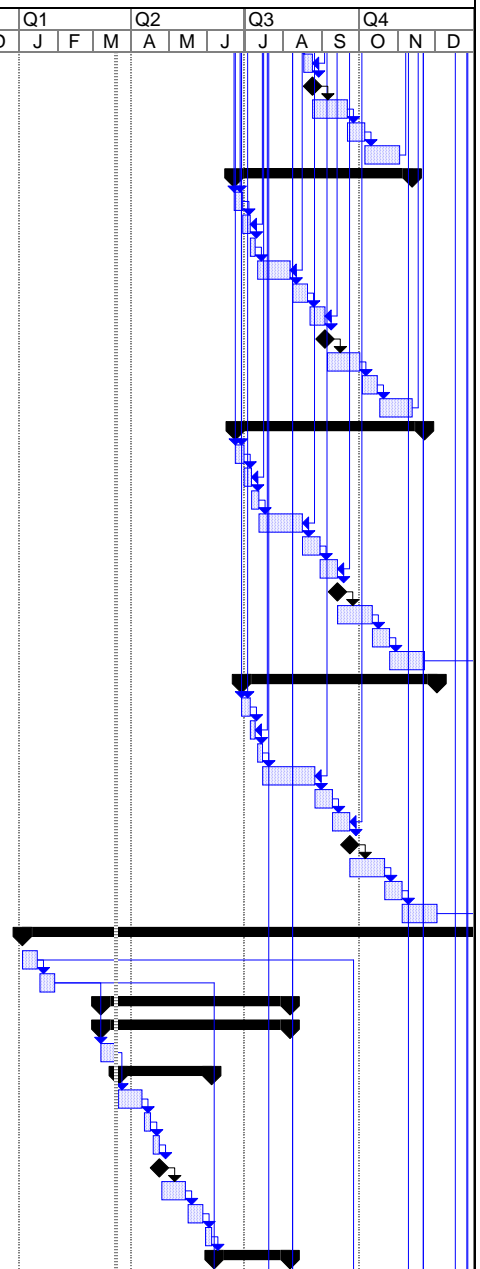
Task Milestone Rolled Up Task Rolled Up Progress External Tasks Group By Summary
Progress Summary Rolled Up Milestone Split Project Summary Deadline

Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1		Q2		Q3			Q4					
						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	562,259FF+1 day													
564	Submit RA to NDEP	0 days	Tue 8/24/10	Tue 8/24/10	563													
565	NDEP Review and Comment	20 days	Wed 8/25/10	Tue 9/21/10	564													
566	RTC and Revisions	10 days	Wed 9/22/10	Tue 10/5/10	565													
567	NDEP Review and Approval	20 days	Wed 10/6/10	Tue 11/2/10	566													
568	RZ-C: will actually be based on DU's once developed	103 days	Wed 6/23/10	Fri 11/12/10														
569	Data Evaluation	5 days	Wed 6/23/10	Tue 6/29/10	235,542													
570	Data Usability	4 days	Wed 6/30/10	Mon 7/5/10	569,261SF+4 day													
571	Preliminary Risk Calculations	4 days	Tue 7/6/10	Fri 7/9/10	570													
572	Prepare HHRA	20 days	Mon 7/12/10	Fri 8/6/10	571,263FF													
573	Review RA (Tronox, Chartis)	10 days	Mon 8/9/10	Fri 8/20/10	572													
574	Revise and Finalize	10 days	Mon 8/23/10	Fri 9/3/10	573,266FF+1 day													
575	Submit RA to NDEP	0 days	Fri 9/3/10	Fri 9/3/10	574													
576	NDEP Review and Comment	20 days	Mon 9/6/10	Fri 10/1/10	575													
577	RTC and Revisions	10 days	Mon 10/4/10	Fri 10/15/10	576													
578	NDEP Review and Approval	20 days	Mon 10/18/10	Fri 11/12/10	577													
579	RZ-D: will actually be based on DU's once developed	108 days	Thu 6/24/10	Mon 11/22/10														
580	Data Evaluation	5 days	Thu 6/24/10	Wed 6/30/10	236,543													
581	Data Usability	4 days	Thu 7/1/10	Tue 7/6/10	580,268SF+4 day													
582	Preliminary Risk Calculations	4 days	Wed 7/7/10	Mon 7/12/10	581													
583	Prepare HHRA	25 days	Tue 7/13/10	Mon 8/16/10	582,270FF													
584	Review RA (Tronox, Chartis)	10 days	Tue 8/17/10	Mon 8/30/10	583													
585	Revise and Finalize	10 days	Tue 8/31/10	Mon 9/13/10	584,273FF+1 day													
586	Submit RA to NDEP	0 days	Mon 9/13/10	Mon 9/13/10	585													
587	NDEP Review and Comment	20 days	Tue 9/14/10	Mon 10/11/10	586													
588	RTC and Revisions	10 days	Tue 10/12/10	Mon 10/25/10	587													
589	NDEP Review and Approval	20 days	Tue 10/26/10	Mon 11/22/10	588													
590	RZ-E	113 days	Tue 6/29/10	Thu 12/2/10														
591	Data Evaluation	5 days	Tue 6/29/10	Mon 7/5/10	237,544													
592	Data Usability	4 days	Tue 7/6/10	Fri 7/9/10	591,275SF+4 day													
593	Preliminary Risk Calculations	4 days	Mon 7/12/10	Thu 7/15/10	592													
594	Prepare HHRA	30 days	Fri 7/16/10	Thu 8/26/10	593,277FF													
595	Review RA (Tronox, Chartis)	10 days	Fri 8/27/10	Thu 9/9/10	594													
596	Revise and Finalize	10 days	Fri 9/10/10	Thu 9/23/10	595,280FF+1 day													
597	Submit RA to NDEP	0 days	Thu 9/23/10	Thu 9/23/10	596													
598	NDEP Review and Comment	20 days	Fri 9/24/10	Thu 10/21/10	597													
599	RTC and Revisions	10 days	Fri 10/22/10	Thu 11/4/10	598													
600	NDEP Review and Approve RA	20 days	Fri 11/5/10	Thu 12/2/10	599													
601	Soil Vapor Intrusion Evaluation and Mitigation	271 days	Mon 1/4/10	Mon 1/17/11														
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	602													
604	Evaluate Need for Mitigation	110 days	Mon 3/8/10	Fri 8/6/10														
605	IAQ Testing (if required)	110 days	Mon 3/8/10	Fri 8/6/10														
606	Evaluate need for IAQ Testing	10 days	Mon 3/8/10	Fri 3/19/10	603FS+25 days													
607	IAQ Testing Plan	55 days	Mon 3/22/10	Fri 6/4/10														
608	Prepare Plan	15 days	Mon 3/22/10	Fri 4/9/10	606													
609	Review Plan (Tronox, Chartis)	5 days	Mon 4/12/10	Fri 4/16/10	608													
610	Revise and Finalize	5 days	Mon 4/19/10	Fri 4/23/10	609													
611	Submit to NDEP	0 days	Fri 4/23/10	Fri 4/23/10	610													
612	NDEP Review and Comments	15 days	Mon 4/26/10	Fri 5/14/10	611													
613	RTC and Revisions	10 days	Mon 5/17/10	Fri 5/28/10	612													
614	NDEP Approval	5 days	Mon 5/31/10	Fri 6/4/10	613													
615	IAQ Testing Implementation	45 days	Mon 6/7/10	Fri 8/6/10	614													



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 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1							Q2				Q3					Q4					
						D	J	F	M	A	M	J	J	A	S	O	N	D	D	M	J	J	A	S	O	N	D
616	Contractor Selection	15 days	Mon 6/7/10	Fri 6/25/10	603FS+20 days																						
617	Implementation	15 days	Mon 6/28/10	Fri 7/16/10	616																						
618	Data Evaluation	15 days	Mon 7/19/10	Fri 8/6/10	617																						
619	Soil Vapor Evaluation Report	75 days	Mon 8/9/10	Fri 11/19/10																							
620	Prepare Report	20 days	Mon 8/9/10	Fri 9/3/10	618																						
621	Review (Tronox, Chartis)	10 days	Mon 9/6/10	Fri 9/17/10	620																						
622	Revise and Finalize	10 days	Mon 9/20/10	Fri 10/1/10	621																						
623	Submit to NDEP	0 days	Fri 10/1/10	Fri 10/1/10	622																						
624	NDEP Review and Comments	20 days	Mon 10/4/10	Fri 10/29/10	623																						
625	RTC and Revisions	10 days	Mon 11/1/10	Fri 11/12/10	624																						
626	NDEP Approval	5 days	Mon 11/15/10	Fri 11/19/10	625																						
627	Mitigation (if required) - existing buildings	41 days	Mon 11/22/10	Mon 1/17/11																							
628	Prepare SOW/RFP for Contractor	5 days	Mon 11/22/10	Fri 11/26/10	626,466																						
629	Review Contractor SOW (Tronox and Chartis)	5 days	Mon 11/29/10	Fri 12/3/10	628																						
630	Issue RFP	5 days	Mon 12/6/10	Fri 12/10/10	629																						
631	Bid Walk	1 day	Mon 12/13/10	Mon 12/13/10	630																						
632	Bid Submittal Date	5 days	Tue 12/14/10	Mon 12/20/10	631																						
633	Review Bids, Contract Negotiation and Award	5 days	Tue 12/21/10	Mon 12/27/10	632																						
634	Implementation	15 days	Tue 12/28/10	Mon 1/17/11	633																						
635	Mitigation (if required) - new buidings (schedule subject to change)	95 days	Mon 8/9/10	Fri 12/17/10	618																						
636	Pilot Test Design	10 days	Mon 8/9/10	Fri 8/20/10	458,466																						
637	Pilot Test Workplan/Approval	25 days	Mon 8/23/10	Fri 9/24/10	636																						
638	Pilot Test	10 days	Mon 9/27/10	Fri 10/8/10	602FS+30 days,6																						
639	System design	15 days	Mon 10/11/10	Fri 10/29/10	638																						
640	Install Passive Sub Slab Depressurization	30 days	Mon 11/1/10	Fri 12/10/10	639																						
641	System Start Up	5 days	Mon 12/13/10	Fri 12/17/10	640																						
642	Operations and Maintenance (not scheduled)	0 days	Fri 12/17/10	Fri 12/17/10	641																						
643	Closures	196 days	Fri 7/16/10	Fri 4/15/11																							
644	Parcel C, D, F, G and H	85 days	Fri 7/16/10	Thu 11/11/10																							
645	Prepare Closure Report	20 days	Fri 7/16/10	Thu 8/12/10	441																						
646	Review CR (Tronox, Chartis)	10 days	Fri 8/13/10	Thu 8/26/10	645																						
647	Revise and Finalize CR	10 days	Fri 8/27/10	Thu 9/9/10	646																						
648	Submit CR to NDEP	0 days	Thu 9/9/10	Thu 9/9/10	647																						
649	NDEP Review and Comments	20 days	Fri 9/10/10	Thu 10/7/10	648																						
650	RTC and Revisions	10 days	Fri 10/8/10	Thu 10/21/10	649																						
651	NDEP Review and Approve CR	15 days	Fri 10/22/10	Thu 11/11/10	650																						
652	RZ-B: will actually be based on decision units once developed	75 days	Wed 11/10/10	Tue 2/22/11																							
653	Prepare Closure Report	20 days	Wed 11/10/10	Tue 12/7/10	418,474FF+5 day																						
654	Review CR (Tronox, Chartis)	10 days	Wed 12/8/10	Tue 12/21/10	653																						
655	Revise and Finalize CR	10 days	Wed 12/22/10	Tue 1/4/11	654																						
656	Submit CR to NDEP	0 days	Tue 1/4/11	Tue 1/4/11	655																						
657	NDEP Review and Comments	20 days	Wed 1/5/11	Tue 2/1/11	656																						
658	RTC and Revisions	10 days	Wed 2/2/11	Tue 2/15/11	657																						
659	NDEP Review and Approval	5 days	Wed 2/16/11	Tue 2/22/11	658																						
660	RZ-C: will actually be based on decision units once developed	75 days	Mon 11/22/10	Fri 3/4/11																							
661	Prepare Closure Report	20 days	Mon 11/22/10	Fri 12/17/10	422,475FF+5 day																						
662	Review CR (Tronox, Chartis)	10 days	Mon 12/20/10	Fri 12/31/10	661																						
663	Revise and Finalize CR	10 days	Mon 1/3/11	Fri 1/14/11	662																						
664	Submit CR to NDEP	0 days	Fri 1/14/11	Fri 1/14/11	663																						
665	NDEP Review and Comments	20 days	Mon 1/17/11	Fri 2/11/11	664																						
666	RTC and Revisions	10 days	Mon 2/14/11	Fri 2/25/11	665																						
667	NDEP Review and Approval	5 days	Mon 2/28/11	Fri 3/4/11	666																						
668	RZ-D: will actually be based on decision units once developed	75 days	Mon 1/3/11	Fri 4/15/11																							

Task [Blue Box] Milestone [Diamond] Rolled Up Task [Light Blue Box] Rolled Up Progress [Black Bar] External Tasks [Grey Bar] Group By Summary [Arrow]





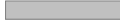






 Progress [Black Bar] Summary [Arrow] Rolled Up Milestone [Light Blue Diamond] Split [Dotted Line] Project Summary [Arrow] Deadline [Down Arrow]

Tronox Phase B Remediation Program Schedule

March 19, 2010

For NDEP Review

ID	Task Name	Duration	Start	Finish	Predecessors	Q1				Q2			Q3			Q4		
						D	J	F	M	A	M	J	J	A	S	O	N	D
669	Prepare Closure Report	20 days	Mon 1/3/11	Fri 1/28/11	428,476FF+5 day													
670	Review CR (Tronox, Chartis)	10 days	Mon 1/31/11	Fri 2/11/11	669													
671	Revise and Finalize CR	10 days	Mon 2/14/11	Fri 2/25/11	670													
672	Submit CR to NDEP	0 days	Fri 2/25/11	Fri 2/25/11	671													
673	NDEP Review and Comments	20 days	Mon 2/28/11	Fri 3/25/11	672													
674	RTC and Revisions	10 days	Mon 3/28/11	Fri 4/8/11	673													
675	NDEP Review and Approval	5 days	Mon 4/11/11	Fri 4/15/11	674													
676	RZ-E: will actually be based on decision units once developed	75 days	Mon 12/27/10	Fri 4/8/11														
677	Prepare Closure Report	20 days	Mon 12/27/10	Fri 1/21/11	431,477FF+5 day													
678	Review CR (Tronox, Chartis)	10 days	Mon 1/24/11	Fri 2/4/11	677													
679	Revise and Finalize CR	10 days	Mon 2/7/11	Fri 2/18/11	678													
680	Submit CR to NDEP	0 days	Fri 2/18/11	Fri 2/18/11	679													
681	NDEP Review and Comments	20 days	Mon 2/21/11	Fri 3/18/11	680													
682	RTC and Revisions	10 days	Mon 3/21/11	Fri 4/1/11	681													
683	NDEP Review and Approval	5 days	Mon 4/4/11	Fri 4/8/11	682													

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