



TRC Environmental Consultants, Inc.

5 Waterside Crossing
Windsor, CT 06095
(203) 289-8631

A TRC Company

LETTER OF TRANSMITTAL

40-7102

~~1122~~

DATE	6/26/95	JOB NO.	14080-0010-00020
ATTENTION	Mr. Gary Comfort		
RE:	R1/FS Schedules		

TO U.S. Nuclear Regulatory Commission
Mail Stop T-816
Washington, DC 20555

- WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
- Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
1	6/14/95		Project Status and Schedules, Environmental Programs

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment Per the request of Scott Eves, SMC
 FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

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 PDR ADDCK 04007102
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COPY TO Scott Eves, SMC

SIGNED: Juan M Olvera

**PROJECT STATUS AND
SCHEDULES
ENVIRONMENTAL PROGRAMS**

Shieldalloy Metallurgical Corporation
Newfield, New Jersey Facility

Presented by

TRC Environmental Corporation
5 Waterside Crossing
Windsor, Connecticut 06095

June 14, 1995

PROJECT STATUS AND SCHEDULES

ENVIRONMENTAL PROGRAMS

Shieldalloy Metallurgical Corporation
Newfield, New Jersey Facility

Presented by
TRC Environmental Corporation
Windsor, Connecticut

TRC Project No. 19080-0010-00020
June 14, 1995

TRC Environmental Corporation
5 Waterside Crossing
Windsor, Connecticut 06095
Telephone 203-289-8631
Facsimile 203-298-6399

SUMMARY OF PAST AND FUTURE SUBMITTALS TO NJDEP
SHIELDALLOY METALLURGICAL CORPORATION
NEWFIELD, NEW JERSEY

SUBMITTAL DATE	STATUS	SUBMITTAL
<u>REMEDIAL INVESTIGATION</u>		
04/30/92	S	Final Phase I Remedial Investigation Technical Report
03/31/94	S	Revised Draft Final Human Health Risk Assessment
04/29/94	S	Revised Draft Environmental Evaluation
06/23/94	S	Addendum to the Revised Environmental Evaluation
<u>GROUND WATER OPERABLE UNIT</u>		
04/29/92	S	Feasibility Study Work Plan
02/25/94	S	Revised Final Focused Feasibility Study Report, Ground Water Remediation
03/08/94	S	Revised Slides for Public Meeting on Ground Water Proposed Plan
12/12/94	S	Cultural Resources Reconnaissance Addendum to Final Focused Feasibility Study
07/10/95	FS	Draft Proposed Plan
09/06/95	FS	Draft Record of Decision
<u>LAGOON CLOSURE</u>		
PHASE I		
02/18/94	S	Closure Plan, Surface Impoundments B-1, B-2, B-3, B-5, B-11 and B-12 - Revision 01 of October 1992 Closure Plan
02/18/94	S	Quality Assurance Project Plan, Closure of Lagoons B-1, B-2, B-3, B-5, B-11 and B-12
PHASE II		
11/16/92	S	Lagoon Characterization Work Plan, Lagoons B-6, B-7 and B-8
05/03/94	S	Draft Lagoon Characterization Investigation Report, Lagoons B-6, B-7 and B-8
05/03/94	S	Draft Treatability Study Work Plan, Chromium Hydroxide Sludge Stabilization, Basins B-6, B-7 and B-8
07/10/95	FS	Draft FS Work Plan, Lagoons B-6, B-7 and B-8

S = Submitted; FS = Future Submittal

SUMMARY OF PAST AND FUTURE SUBMITTALS TO NJDEP
SHIELDALLOY METALLURGICAL CORPORATION
NEWFIELD, NEW JERSEY

Page 2 of 2

SUBMITTAL DATE	STATUS	SUBMITTAL
08/28/95	FS	Draft Treatability Study Report, Lagoons B-6, B-7 and B-8*
10/9/95	FS	Draft Lagoon Closure FS, Lagoons B-6, B-7 and B-8
11/27/95	FS	Draft Lagoon Closure Plan, Lagoons B-6, B-7 and B-8
11/27/95	FS	Draft QAPP for Lagoon Closure, Lagoons B-6, B-7 and B-8
<u>SOIL AND SEDIMENT/SURFACE WATER OPERABLE UNITS</u>		
04/29/92	S	Feasibility Study Work Plan
06/26/95	FS	Draft ARARs Analysis
08/28/95	FS	Draft Feasibility Study
10/18/95	FS	Draft Proposed Plan
11/20/95	FS	Draft Record of Decision
<u>OTHER SUBMITTALS</u>		
06/01/94	S	Soil Berm Sampling Report (Letter Report) with Raw Analytical Results
<u>STORMWATER MANAGEMENT PLAN</u>		
08/25/95	FS	Draft Stormwater Management Plan

S = Submitted; FS = Future Submittal

*Assumes NJDEP approval of Treatability Study Work Plan by 6/19/95

STATUS OF SUBMITTALS TO NJDEP
SHIELDALLOY METALLURGICAL CORPORATION
NEWFIELD, NEW JERSEY

SUBMITTAL	STATUS
<u>RI/FS ACTIVITIES</u>	
Final Phase I Remedial Investigation Technical Report	NJDEP conditional approval of ground water letter dated 08/17/92
Revised Draft Final Human Health Risk Assessment	Awaiting Response from NJDEP
Revised Draft Environmental Evaluation	Awaiting Response from NJDEP
Addendum to the Revised Environmental Evaluation	Awaiting Response from NJDEP
Feasibility Study Work Plan (all media)	NJDEP conditional approval letter dated 08/17/92
Revised Final Focused Feasibility Study Report, Ground Water Remediation	NJDEP conditional approval letter dated 08/31/93
Revised Slides for Public Meeting on Ground Water Proposed Plan	Awaiting Response from NJDEP
Cultural Resources Reconnaissance Addendum to Final Focused Feasibility Study	Awaiting Response from NJDEP
<u>LAGOON CLOSURE ACTIVITIES</u>	
Closure Plan, Surface Impoundments B-1, B-2, B-3, B-5, B-11 and B-12 - Revision 01 of October 1992 Closure Plan Responses to NJDEP comment letter	Awaiting Response from NJDEP
Quality Assurance Project Plan, Closure of Lagoons B-1, B-2, B-3, B-5, B-11 and B-12	Awaiting Response from NJDEP
Lagoon Characterization Work Plan, Lagoons B-6, B-7 and B-8	NJDEP approval letter dated 12/06/93
Draft Lagoon Characterization Investigation Report, Lagoons B-6, B-7 and B-8	Awaiting Response from NJDEP
Draft Treatability Study Work Plan, Chromium Hydroxide Sludge Stabilization, Basins B-6, B-7 and B-8	Awaiting Response from NJDEP
<u>OTHER</u>	
Soil Berm Sampling Report (Letter Report) with Raw Analytical Results	Awaiting Response from NJDEP

SUMMARY OF SMC REVIEW PERIODS ON FUTURE SUBMITTALS
SHIELDALLOY METALLURGICAL CORPORATION
NEWFIELD, NEW JERSEY

REVIEW PERIOD	SUBMITTAL
<u>SOIL AND SEDIMENT/SURFACE WATER OPERABLE UNITS</u>	
06/19/95 - 06/21/95	Draft ARARs Analysis
08/02/95 - 08/04/95	Final ARARs Analysis
08/14/95 - 08/18/95	Draft Feasibility Study
10/04/95 - 10/06/95	Final Feasibility Study
10/11/95-10/13/95	Draft Proposed Plan
11/06/95	Final Proposed Plan
11/13/95 - 11/15/95	Draft Record of Decision
12/27/95 - 12/29/95	Final Record of Decision with Responsiveness Summary
<u>GROUND WATER OPERABLE UNIT</u>	
06/26/95 - 07/03/95	Draft Proposed Plan
08/16/95 - 08/19/95	Final Proposed Plan
08/25/95 - 08/30/95	Draft Record of Decision
10/13/95 - 10/17/95	Final Record of Decision with Responsiveness Summary
<u>LAGOON CLOSURE</u>	
PHASE II	
08/28/95	Draft Treatability Study Report, Lagoons B-6, B-7 and B-8
07/03/95 - 07/05/95	Draft FS Work Plan, Lagoons B-6, B-7 and B-8
08/07/95 - 08/09/95	Final FS Work Plan, Lagoons B-6, B-7 and B-8
09/27/95 - 10/03/95	Draft Lagoon Closure FS, Lagoons B-6, B-7 and B-8
11/06/95-11/08/95	Final Lagoon Closure FS, Lagoons B-6, B-7 and B-8
11/20/95 - 11/22/95	Draft Lagoon Closure Plan, Lagoons B-6, B-7 and B-8
12/18/95 - 12/20/95	Final Lagoon Closure Plan, Lagoons B-6, B-7 and B-8
11/20/95 - 11/22/95	Draft QAPP for Lagoon Closure, Lagoons B-6, B-7 and B-8
12/18/95 - 12/20/95	Final QAPP for Lagoon Closure, Lagoons B-6, B-7 and B-8
<u>STORMWATER MANAGEMENT PLAN</u>	
08/04/95 - 08/11/95	Draft Stormwater Management Plan
10/25/95 - 11/08/995	Final Stormwater Management Plan

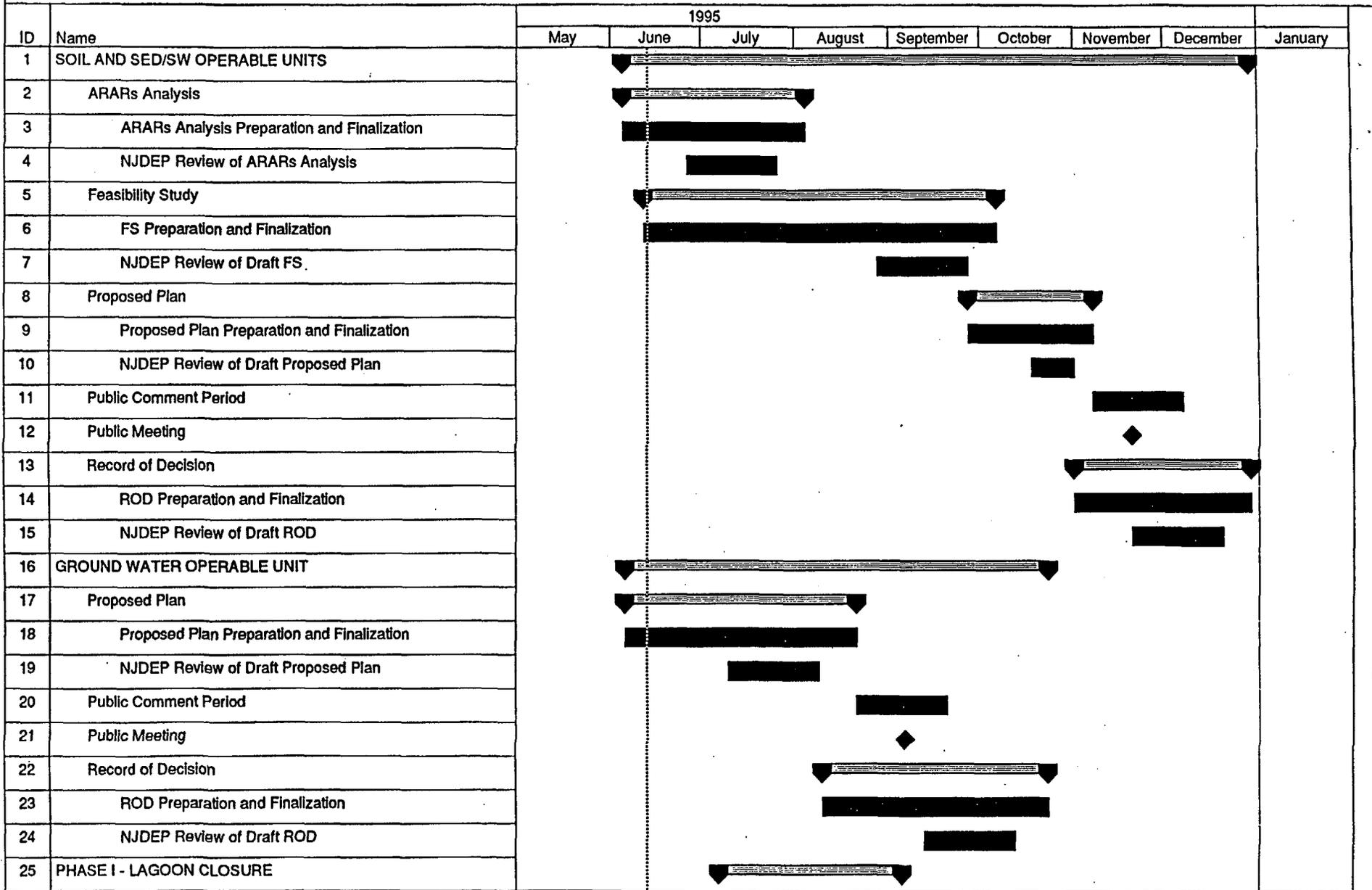
SUMMARY OF NJDEP REVIEW PERIODS ON FUTURE SUBMITTALS
SHIELDALLOY METALLURGICAL CORPORATION
NEWFIELD, NEW JERSEY

REVIEW PERIOD	SUBMITTAL
<u>SOIL AND SEDIMENT/SURFACE WATER OPERABLE UNITS</u>	
06/26/95 - 07/26/95	Draft ARARs Analysis
08/04/95	Final ARARs Analysis Submittal Date
08/28/95 - 09/27/95	Draft Feasibility Study
10/06/95	Final Feasibility Study Submittal Date
10/18/95 - 11/01/95	Draft Proposed Plan
11/07/95	Issue Proposed Plan
11/20/95 - 12/20/95	Draft Record of Decision
12/29/95	Final Record of Decision with Responsiveness Summary Submittal Date
<u>GROUND WATER OPERABLE UNIT</u>	
07/10/95 - 08/09/95	Draft Proposed Plan
08/21/95	Issue Proposed Plan
09/06/95 - 10/06/95	Draft Record of Decision
10/17/95	Final Record of Decision with Responsiveness Summary Submittal Date
<u>LAGOON CLOSURE</u>	
PHASE II	
08/28/95 - 09/15/95	Draft Treatability Study Report, Lagoons B-6, B-7 and B-8
07/10/95 - 07/31/95	Draft FS Work Plan, Lagoons B-6, B-7 and B-8
08/10/95	Final FS Work Plan Submittal Date
10/09/95 - 10/30/95	Draft Lagoon Closure FS, Lagoons B-6, B-7 and B-8
11/08/95	Final Lagoon Closure FS Submittal Date
11/27/95 - 12/11/95	Draft Lagoon Closure Plan, Lagoons B-6, B-7 and B-8
12/20/95	Final Lagoon Closure Plan Submittal Date
11/27/95 - 12/11/95	Draft QAPP for Lagoon Closure, Lagoons B-6, B-7 and B-8
12/20/95	Final QAPP for Lagoon Closure Submittal Date
<u>STORMWATER MANAGEMENT PLAN</u>	
08/25/95 - 09/24/95	Draft Stormwater Management Plan
11/08/95	Final Stormwater Management Plan

**SMC PROJECT SCHEDULE
PROJECT SUMMARY**

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	SOIL AND SED/SW OPERABLE UNITS	150d	6/5/95	12/29/95	
2	ARARs Analysis	45d	6/5/95	8/4/95	
3	ARARs Analysis Preparation and Finalization	45d	6/5/95	8/4/95	
4	NJDEP Review of ARARs Analysis	30ed	6/26/95	7/26/95	
5	Feasibility Study	85d	6/12/95	10/6/95	
6	FS Preparation and Finalization	95d	6/12/95	10/6/95	
7	NJDEP Review of Draft FS	30ed	8/28/95	9/27/95	
8	Proposed Plan	30d	9/27/95	11/7/95	
9	Proposed Plan Preparation and Finalization	30d	9/27/95	11/7/95	
10	NJDEP Review of Draft Proposed Plan	14ed	10/18/95	11/1/95	
11	Public Comment Period	30ed	11/7/95	12/7/95	
12	Public Meeting	0ed	11/20/95	11/20/95	
13	Record of Decision	43d	11/1/95	12/29/95	
14	ROD Preparation and Finalization	43d	11/1/95	12/29/95	
15	NJDEP Review of Draft ROD	30ed	11/20/95	12/20/95	
16	GROUND WATER OPERABLE UNIT	100d	6/6/95	10/23/95	
17	Proposed Plan	55d	6/6/95	8/21/95	
18	Proposed Plan Preparation and Finalization	55d	6/6/95	8/21/95	
19	NJDEP Review of Draft Proposed Plan	30ed	7/10/95	8/9/95	
20	Public Comment Period	30ed	8/21/95	9/20/95	
21	Public Meeting	0ed	9/6/95	9/6/95	
22	Record of Decision	53d	8/10/95	10/23/95	
23	ROD Preparation and Finalization	53d	8/10/95	10/23/95	
24	NJDEP Review of Draft ROD	30ed	8/12/95	10/12/95	
25	PHASE I - LAGOON CLOSURE	42d	7/7/95	9/5/95	
26	Lagoon Closure Contract Award	0ed	7/7/95	7/7/95	
27	Closure Operations	60ed	7/7/95	9/5/95	
28	PHASE II - LAGOON CLOSURE	158d	5/4/95	12/11/95	
29	Treatability Study	97d	5/4/95	9/15/95	
30	NJDEP Review of Treatability Study Work Plan	33d	5/4/95	6/19/95	
31	Conduct Treatability Studies and Prepare Report	50d	6/20/95	8/28/95	
32	NJDEP Review	15d	8/28/95	9/15/95	
33	FS Work Plan	49d	6/5/95	8/10/95	
34	Work Plan Preparation and Finalization	49d	6/5/95	8/10/95	
35	NJDEP Review of Draft Work Plan	16d	7/10/95	7/31/95	
36	Feasibility Study	53d	8/28/95	11/8/95	
37	FS Preparation and Finalization	53d	8/28/95	11/8/95	
38	NJDEP Review of Draft FS	16d	10/9/95	10/30/95	
39	Lagoon Closure Plan	31d	10/30/95	12/11/95	
40	Closure Plan Preparation and Finalization	31d	10/30/95	12/11/95	
41	NJDEP Review of Closure Plan	11d	11/27/95	12/11/95	
42	QAPP Plan	31d	10/30/95	12/11/95	
43	QAPP Preparation and Finalization	31d	10/30/95	12/11/95	
44	NJDEP Review of QAPP	11d	11/27/95	12/11/95	
45	STORMWATER MANAGEMENT PLAN	113d	6/5/95	11/8/95	
46	Stormwater Mgmt Plan Preparation and Finalization	113d	6/5/95	11/8/95	
47	NJDEP Review of Draft Stormwater Mgmt Plan	30ed	8/25/95	9/24/95	

**SMC PROJECT SCHEDULE
PROJECT SUMMARY**



Date: 6/13/95

Critical



Noncritical



Milestone

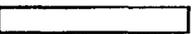


Summary



**SMC PROJECT SCHEDULE
PROJECT SUMMARY**

ID	Name	1995									
		May	June	July	August	September	October	November	December	January	
26	Lagoon Closure Contract Award			◆							
27	Closure Operations										
28	PHASE II - LAGOON CLOSURE										
29	Treatability Study										
30	NJDEP Review of Treatability Study Work Plan										
31	Conduct Treatability Studies and Prepare Report										
32	NJDEP Review										
33	FS Work Plan										
34	Work Plan Preparation and Finalization										
35	NJDEP Review of Draft Work Plan										
36	Feasibility Study										
37	FS Preparation and Finalization										
38	NJDEP Review of Draft FS										
39	Lagoon Closure Plan										
40	Closure Plan Preparation and Finalization										
41	NJDEP Review of Closure Plan										
42	QAPP Plan										
43	QAPP Preparation and Finalization										
44	NJDEP Review of QAPP										
45	STORMWATER MANAGEMENT PLAN										
46	Stormwater Mgmt Plan Preparation and Finalization										
47	NJDEP Review of Draft Stormwater Mgmt Plan										

Date: 6/13/95 Critical  Noncritical  Milestone  Summary 

**SMC PROJECT SCHEDULE
SOIL OPERABLE UNIT**

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	SOIL OPERABLE UNIT	150d	6/5/95	12/29/95	
2	ARARs Analysis	45d	6/5/95	8/4/95	
3	Submit Preliminary Soils ARARs Analysis	14d	6/5/95	6/19/95	
4	SMC Review	3d	6/19/95	6/21/95	3
5	Revise and Submit Soil ARARs Analysis	2d	6/22/95	6/23/95	4
6	Presentation to NJDEP	0ed	6/28/95	6/28/95	5
7	NJDEP Review and Comment	30ed	6/28/95	7/26/95	6
8	Revise Soil ARARs Analysis	7ed	7/26/95	8/2/95	7
9	SMC Review and Submittal	3d	8/2/95	8/4/95	8
10	Soils FS	84d	6/12/95	10/6/95	
11	Prepare and Submit Draft FS	60ed	6/12/95	8/11/95	9FF + 7ed
12	SMC Review	5d	8/14/95	8/18/95	11
13	Revise and Submit Draft FS	5d	8/21/95	8/25/95	12
14	Presentation to NJDEP	0ed	8/28/95	8/28/95	13
15	NJDEP Review of Draft FS	30ed	8/28/95	9/27/95	14
16	Prepare Final FS	7ed	9/27/95	10/4/95	15
17	SMC Review and Submittal	3d	10/4/95	10/6/95	16
18	Soils Proposed Plan	29d	9/27/95	11/7/95	
19	Prepare and Submit Draft Proposed Plan	14ed	9/27/95	10/11/95	15
20	SMC Review	3d	10/11/95	10/13/95	19
21	Revise and Submit Draft Proposed Plan	2d	10/16/95	10/17/95	20
22	Presentation to NJDEP	0ed	10/18/95	10/18/95	21
23	NJDEP Review of Draft Proposed Plan	14ed	10/18/95	11/1/95	22
24	Prepare Final Proposed Plan	3d	11/1/95	11/3/95	23
25	SMC Review	1d	11/6/95	11/6/95	24
26	Issue Proposed Plan	0ed	11/7/95	11/7/95	25
27	Public Comment Period	30ed	11/7/95	12/7/95	26
28	Public Meeting	0ed	11/20/95	11/20/95	26FS + 13ed
29	Soils Record of Decision	43d	11/1/95	12/29/95	
30	Prepare Draft ROD w/o Responsiveness Summary	12ed	11/1/95	11/13/95	23
31	SMC Review	3d	11/13/95	11/15/95	30
32	Revise and Submit Draft ROD w/o Resp. Sum.	2d	11/16/95	11/17/95	31
33	Presentation to NJDEP	0ed	11/20/95	11/20/95	32
34	NJDEP Review of Draft ROD	30ed	11/20/95	12/20/95	33
35	Prepare Final ROD with Resp. Sum.	7ed	12/20/95	12/27/95	34,27
36	SMC Review and Submittal	3d	12/27/95	12/29/95	35

**SMC PROJECT SCHEDULE
SOIL OPERABLE UNIT**

ID	Name	1995							
		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
1	SOIL OPERABLE UNIT	[Summary bar from Jun to Jan]							
2	ARARs Analysis	[Critical bar]							
3	Submit Preliminary Soils ARARs Analysis	[Milestone]							
4	SMC Review	[Milestone]							
5	Revise and Submit Soil ARARs Analysis	[Milestone]							
6	Presentation to NJDEP	[Milestone]							
7	NJDEP Review and Comment	[Critical bar]							
8	Revise Soil ARARs Analysis		[Milestone]						
9	SMC Review and Submittal		[Milestone]						
10	Soils FS	[Summary bar]							
11	Prepare and Submit Draft FS	[Critical bar]							
12	SMC Review		[Milestone]						
13	Revise and Submit Draft FS		[Milestone]						
14	Presentation to NJDEP		[Milestone]						
15	NJDEP Review of Draft FS		[Critical bar]						
16	Prepare Final FS			[Milestone]					
17	SMC Review and Submittal			[Milestone]					
18	Soils Proposed Plan					[Summary bar]			
19	Prepare and Submit Draft Proposed Plan					[Milestone]			
20	SMC Review					[Milestone]			
21	Revise and Submit Draft Proposed Plan					[Milestone]			
22	Presentation to NJDEP					[Milestone]			
23	NJDEP Review of Draft Proposed Plan					[Critical bar]			
24	Prepare Final Proposed Plan					[Milestone]			
25	SMC Review					[Milestone]			
26	Issue Proposed Plan					[Milestone]			
27	Public Comment Period					[Summary bar]			
28	Public Meeting					[Milestone]			
29	Soils Record of Decision					[Summary bar]			
30	Prepare Draft ROD w/o Responsiveness Summary					[Milestone]			
31	SMC Review					[Milestone]			
32	Revise and Submit Draft ROD w/o Resp. Sum.					[Milestone]			
33	Presentation to NJDEP					[Milestone]			
34	NJDEP Review of Draft ROD					[Critical bar]			
35	Prepare Final ROD with Resp. Sum.					[Milestone]			
36	SMC Review and Submittal					[Milestone]			

Date: 6/13/95

Critical



Milestone



Noncritical



Summary



**SMC PROJECT SCHEDULE
SEDIMENT/SURFACE WATER OPERABLE UNIT**

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	SEDIMENT/SURFACE WATER OPERABLE UNIT	150d	6/5/95	12/29/95	
2	ARARs Analysis	45d	6/5/95	8/4/95	
3	Prepare Draft Sedmt/Surface Water ARARs Analysis	14ed	6/5/95	6/19/95	
4	SMC Review	3d	6/19/95	6/21/95	3
5	Revise and Submit Sedmt/SW ARARs Analysis	2d	6/22/95	6/23/95	4
6	Presentation to NJDEP	0ed	6/26/95	6/26/95	5
7	NJDEP Review and Comment	30ed	6/26/95	7/26/95	6
8	Revise Sedmt/SW ARARs Analysis	7ed	7/26/95	8/2/95	7
9	SMC Review and Submittal	3d	8/2/95	8/4/95	8
10	Sediment/Surface Water FS	84d	6/12/95	10/6/95	
11	Prepare Draft FS	60ed	6/12/95	8/11/95	9FF + 7ed
12	SMC Review	5d	8/14/95	8/18/95	11
13	Revise and Submit Draft FS	5d	8/21/95	8/25/95	12
14	Presentation to NJDEP	0ed	8/28/95	8/28/95	13
15	NJDEP Review of Draft FS	30ed	8/28/95	9/27/95	14
16	Prepare Final FS	7ed	9/27/95	10/4/95	15
17	SMC Review and Submittal	3d	10/4/95	10/6/95	16
18	Sediment/Surface Water Proposed Plan	29d	9/27/95	11/7/95	
19	Prepare Draft Proposed Plan	14ed	9/27/95	10/11/95	15
20	SMC Review	3d	10/11/95	10/13/95	19
21	Revise and Submit Draft Proposed Plan	2d	10/16/95	10/17/95	20
22	Presentation to NJDEP	0ed	10/18/95	10/18/95	21
23	NJDEP Review of Draft Proposed Plan	14ed	10/18/95	11/1/95	22
24	Prepare Final Proposed Plan	3d	11/1/95	11/3/95	23
25	SMC Review	1d	11/6/95	11/6/95	24
26	Issue Proposed Plan	0ed	11/7/95	11/7/95	25
27	Public Comment Period	30ed	11/7/95	12/7/95	26
28	Public Meeting	0ed	11/20/95	11/20/95	26FS + 13ed
29	Sediment/Surface Water Record of Decision	43d	11/1/95	12/29/95	
30	Prepare Draft ROD w/o Responsiveness Summary	12ed	11/1/95	11/13/95	23
31	SMC Review	3d	11/13/95	11/15/95	30
32	Revise and Submit Draft ROD w/o Resp. Sum.	2d	11/16/95	11/17/95	31
33	Presentation to NJDEP	0ed	11/20/95	11/20/95	32
34	NJDEP Review of Draft ROD	30ed	11/20/95	12/20/95	33
35	Prepare Final ROD with Resp. Sum.	7ed	12/20/95	12/27/95	34,27
36	SMC Review and Submittal	3d	12/27/95	12/29/95	35

**SMC PROJECT SCHEDULE
SEDIMENT/SURFACE WATER OPERABLE UNIT**

ID	Name	1995							
		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
1	SEDIMENT/SURFACE WATER OPERABLE UNIT	[Summary bar spanning Jun to Dec]							
2	ARARs Analysis	[Critical bar]							
3	Prepare Draft Sedmt/Surface Water ARARs Analysis	[Critical bar]							
4	SMC Review	[Critical bar]							
5	Revise and Submit Sedmt/SW ARARs Analysis	[Critical bar]							
6	Presentation to NJDEP		[Milestone diamond]						
7	NJDEP Review and Comment		[Critical bar]						
8	Revise Sedmt/SW ARARs Analysis		[Critical bar]						
9	SMC Review and Submittal		[Critical bar]						
10	Sediment/Surface Water FS	[Summary bar]							
11	Prepare Draft FS	[Critical bar]							
12	SMC Review		[Critical bar]						
13	Revise and Submit Draft FS		[Critical bar]						
14	Presentation to NJDEP			[Milestone diamond]					
15	NJDEP Review of Draft FS			[Critical bar]					
16	Prepare Final FS			[Critical bar]					
17	SMC Review and Submittal			[Critical bar]					
18	Sediment/Surface Water Proposed Plan					[Summary bar]			
19	Prepare Draft Proposed Plan					[Critical bar]			
20	SMC Review					[Critical bar]			
21	Revise and Submit Draft Proposed Plan					[Critical bar]			
22	Presentation to NJDEP						[Milestone diamond]		
23	NJDEP Review of Draft Proposed Plan						[Critical bar]		
24	Prepare Final Proposed Plan						[Critical bar]		
25	SMC Review						[Critical bar]		
26	Issue Proposed Plan							[Milestone diamond]	
27	Public Comment Period							[Summary bar]	
28	Public Meeting							[Milestone diamond]	
29	Sediment/Surface Water Record of Decision							[Summary bar]	
30	Prepare Draft ROD w/o Responsiveness Summary							[Critical bar]	
31	SMC Review							[Critical bar]	
32	Revise and Submit Draft ROD w/o Resp. Sum.							[Critical bar]	
33	Presentation to NJDEP							[Milestone diamond]	
34	NJDEP Review of Draft ROD							[Critical bar]	
35	Prepare Final ROD with Resp. Sum.							[Critical bar]	
36	SMC Review and Submittal							[Critical bar]	

Date: 6/13/95

Critical [Solid black bar]
Noncritical [Hatched bar]

Milestone [Diamond symbol]
Summary [Double-line bar with arrowheads]

**SMC PROJECT SCHEDULE
GROUND WATER OPERABLE UNIT**

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	GROUND WATER OPERABLE UNIT	86d	6/5/95	10/17/95	
2	Ground Water Proposed Plan	55d	6/5/95	8/21/95	
3	Prepare Draft Proposed Plan	21ed	6/5/95	6/26/95	
4	SMC Review	7ed	6/26/95	7/3/95	3
5	Revise and Submit Draft Proposed Plan	7ed	7/3/95	7/10/95	4
6	Presentation to NJDEP	0ed	7/10/95	7/10/95	5
7	NJDEP Review of Draft Proposed Plan	30ed	7/10/95	8/9/95	6
8	Prepare Final Proposed Plan	7ed	8/9/95	8/16/95	7
9	SMC Review	3ed	8/16/95	8/19/95	8
10	Issue Proposed Plan	0ed	8/21/95	8/21/95	9
11	Public Comment Period	30ed	8/21/95	9/20/95	10
12	Public Meeting	0ed	8/6/95	9/6/95	10FS + 16ed
13	Ground Water Record of Decision	49d	8/9/95	10/17/95	
14	Prepare Draft ROD w/o Responsiveness Summary	12d	8/9/95	8/24/95	7
15	SMC Review	4d	8/25/95	8/30/95	14
16	Revised and Submit Draft ROD w/o Resp. Sum.	4d	8/31/95	9/5/95	15
17	Presentation to NJDEP	0ed	9/6/95	9/6/95	16
18	NJDEP Review of Draft ROD	30ed	9/6/95	10/6/95	17
19	Prepare Final ROD w/ Resp. Sum.	7ed	10/6/95	10/13/95	18,11
20	SMC Review	4ed	10/13/95	10/17/95	19
21	Submit Final ROD w/ Resp. Sum.	0ed	10/17/95	10/17/95	20

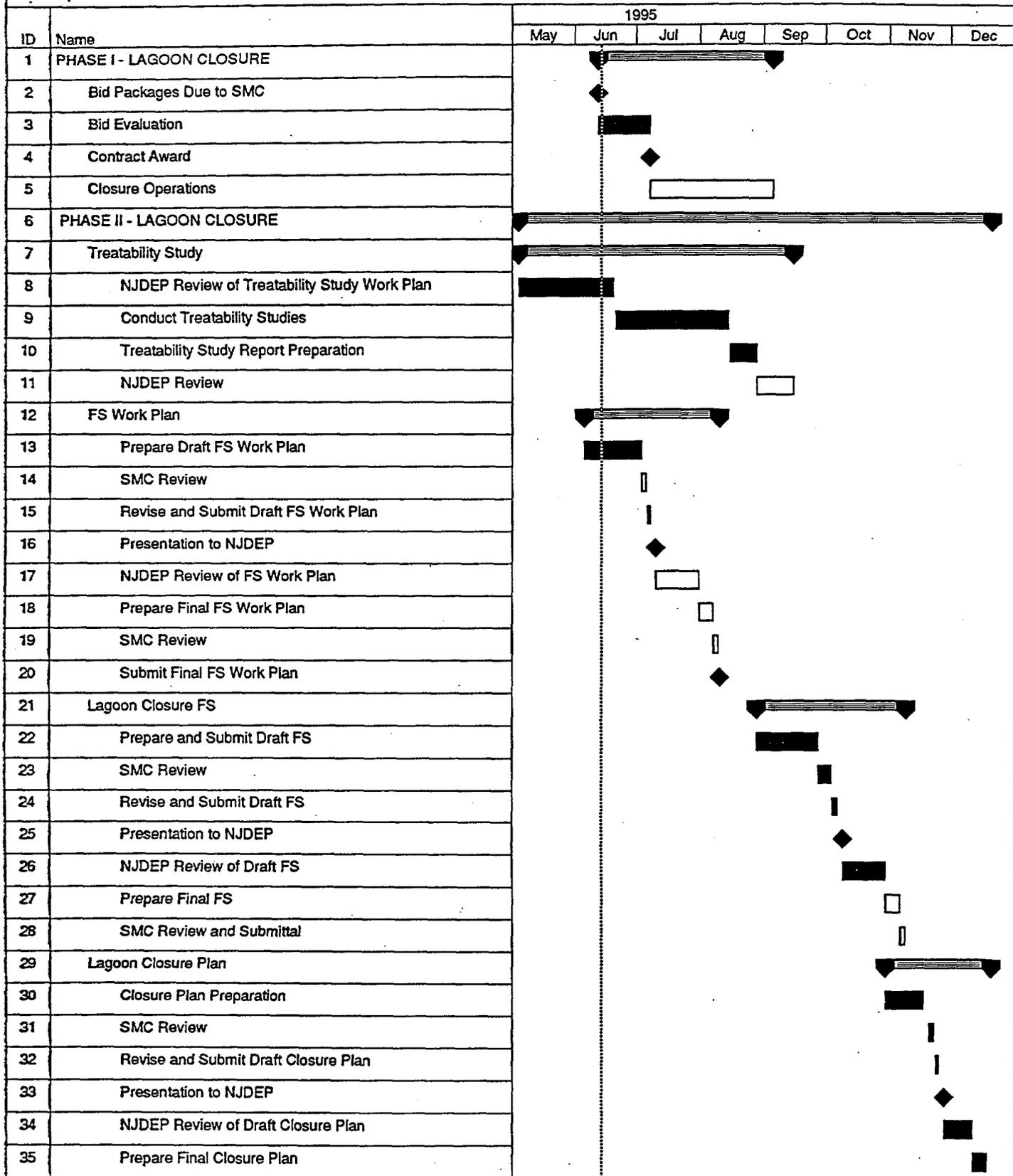
**SMC PROJECT SCHEDULE
GROUND WATER OPERABLE UNIT**

ID	Name	1995									
		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		
1	GROUND WATER OPERABLE UNIT	[Summary bar from Jun to Oct]									
2	Ground Water Proposed Plan	[Critical bar from Jun to Aug]									
3	Prepare Draft Proposed Plan	[Critical bar in Jun]									
4	SMC Review	[Critical bar in Jul]									
5	Revise and Submit Draft Proposed Plan	[Critical bar in Jul]									
6	Presentation to NJDEP	[Milestone diamond in Jul]									
7	NJDEP Review of Draft Proposed Plan	[Critical bar in Jul]									
8	Prepare Final Proposed Plan	[Noncritical bar in Aug]									
9	SMC Review	[Noncritical bar in Aug]									
10	Issue Proposed Plan	[Milestone diamond in Aug]									
11	Public Comment Period	[Noncritical bar in Aug]									
12	Public Meeting	[Milestone diamond in Aug]									
13	Ground Water Record of Decision	[Summary bar from Sep to Oct]									
14	Prepare Draft ROD w/o Responsiveness Summary	[Critical bar in Sep]									
15	SMC Review	[Critical bar in Sep]									
16	Revised and Submit Draft ROD w/o Resp. Sum.	[Critical bar in Sep]									
17	Presentation to NJDEP	[Milestone diamond in Sep]									
18	NJDEP Review of Draft ROD	[Critical bar in Sep]									
19	Prepare Final ROD w/ Resp. Sum.	[Critical bar in Sep]									
20	SMC Review	[Critical bar in Sep]									
21	Submit Final ROD w/ Resp. Sum.	[Milestone diamond in Oct]									

**SMC PROJECT SCHEDULE
LAGOON CLOSURE**

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	PHASE I - LAGOON CLOSURE	61d	6/12/95	9/5/95	
2	Bid Packages Due to SMC	0ed	6/12/95	6/12/95	
3	Bid Evaluation	18d	6/12/95	7/7/95	2
4	Contract Award	0ed	7/7/95	7/7/95	3
5	Closure Operations	60ed	7/7/95	9/5/95	4
6	PHASE II - LAGOON CLOSURE	165d	5/4/95	12/20/95	
7	Treatability Study	86d	5/4/95	8/15/95	
8	NJDEP Review of Treatability Study Work Plan	33d	5/4/95	6/19/95	
9	Conduct Treatability Studies	55ed	6/20/95	8/14/95	8
10	Treatability Study Report Preparation	13ed	8/15/95	8/28/95	9
11	NJDEP Review	18ed	8/28/95	9/15/95	10
12	FS Work Plan	48d	6/5/95	8/10/95	
13	Prepare Draft FS Work Plan	28ed	6/5/95	7/3/95	
14	SMC Review	3d	7/3/95	7/5/95	13
15	Revise and Submit Draft FS Work Plan	2d	7/6/95	7/7/95	14
16	Presentation to NJDEP	0ed	7/10/95	7/10/95	15
17	NJDEP Review of FS Work Plan	21ed	7/10/95	7/31/95	16
18	Prepare Final FS Work Plan	7ed	7/31/95	8/7/95	17
19	SMC Review	3d	8/7/95	8/9/95	18
20	Submit Final FS Work Plan	0ed	8/10/95	8/10/95	19
21	Lagoon Closure FS	53d	8/28/95	11/8/95	
22	Prepare and Submit Draft FS	30ed	8/28/95	8/27/95	10,20
23	SMC Review	5d	9/27/95	10/3/95	22
24	Revise and Submit Draft FS	3d	10/4/95	10/6/95	23
25	Presentation to NJDEP	0ed	10/9/95	10/9/95	24
26	NJDEP Review of Draft FS	21ed	10/9/95	10/30/95	25
27	Prepare Final FS	7ed	10/30/95	11/6/95	26
28	SMC Review and Submittal	3d	11/6/95	11/9/95	27
29	Lagoon Closure Plan	38d	10/30/95	12/20/95	
30	Closure Plan Preparation	15d	10/30/95	11/17/95	26
31	SMC Review	3d	11/20/95	11/22/95	30
32	Revise and Submit Draft Closure Plan	2d	11/23/95	11/24/95	31
33	Presentation to NJDEP	0ed	11/27/95	11/27/95	32
34	NJDEP Review of Draft Closure Plan	14ed	11/27/95	12/11/95	33
35	Prepare Final Closure Plan	7ed	12/11/95	12/18/95	34
36	SMC Review and Submittal	3d	12/18/95	12/20/95	35
37	QAPP, Phase II Lagoon Closure	38d	10/30/95	12/20/95	
38	QAPP Preparation	15d	10/30/95	11/20/95	26
39	SMC Review	3d	11/20/95	11/22/95	38
40	Revise and Submit Draft QAPP	2d	11/23/95	11/24/95	39
41	Presentation to NJDEP	0ed	11/27/95	11/27/95	40
42	NJDEP Review of Draft QAPP	14ed	11/27/95	12/11/95	41
43	Prepare Final Closure Plan	5d	12/11/95	12/18/95	42
44	SMC Review and Submittal	3d	12/18/95	12/20/95	43

**SMC PROJECT SCHEDULE
LAGOON CLOSURE**



Date: 6/13/95

Critical Milestone
 Noncritical Summary

SMC PROJECT SCHEDULE
LAGOON CLOSURE - OFF-SITE TREATMENT/DISPOSAL OPTION

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	PHASE I - LAGOON CLOSURE	61d	6/12/95	9/5/95	
2	Bid Packages Due to SMC	0ed	6/12/95	6/12/95	
3	Bid Evaluation	19d	6/12/95	7/7/95	2
4	Contract Award	0ed	7/7/95	7/7/95	3
5	Closure Operations	60ed	7/7/95	9/5/95	4
6	PHASE II - LAGOON CLOSURE	126d	6/26/95	12/18/95	
7	RFP for Off-site Sludge Treatment/Disposal	60d	6/26/95	9/18/95	
8	Develop RFP and Distribute to Contractors	6d	6/26/95	7/3/95	
9	Proposal Preparation, including testing, as necessary	60ed	7/4/95	9/2/95	8
10	Proposal/Methodology Due Date	0ed	9/4/95	9/4/95	9
11	SMC Review and Selection	14ed	9/4/95	9/18/95	10
12	Lagoon Closure Plan	66d	9/18/95	12/18/95	
13	Prepare Draft Lagoon Closure Plan	28ed	9/18/95	10/16/95	11
14	SMC Review	3d	10/16/95	10/18/95	13
15	Revise and Submit Closure Plan	2d	10/19/95	10/20/95	14
16	Presentation to NJDEP	0ed	10/23/95	10/23/95	15
17	NJDEP Review of Draft Closure Plan	45ed	10/23/95	12/7/95	16
18	Prepare Final Closure Plan	7ed	12/7/95	12/14/95	17
19	SMC Review	3d	12/14/95	12/18/95	18
20	QAPP, Phase II Lagoon Closure	66d	9/18/95	12/18/95	
21	QAPP Preparation	20d	9/18/95	10/16/95	11
22	SMC Review	3d	10/16/95	10/18/95	21
23	Revise and Submit Draft QAPP	2d	10/19/95	10/20/95	22
24	Presentation to NJDEP	0d	10/23/95	10/23/95	23
25	NJDEP Review of Draft QAPP	45ed	10/23/95	12/7/95	24
26	Prepare Final QAPP	5d	12/7/95	12/13/95	25
27	SMC Review and Submittal	3d	12/14/95	12/18/95	26

**SMC PROJECT SCHEDULE
LAGOON CLOSURE - OFF-SITE TREATMENT/DISPOSAL OPTION**

ID	Name	1995							
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	PHASE I - LAGOON CLOSURE								
2	Bid Packages Due to SMC		●						
3	Bid Evaluation								
4	Contract Award		◆						
5	Closure Operations								
6	PHASE II - LAGOON CLOSURE								
7	RFP for Off-site Sludge Treatment/Disposal								
8	Develop RFP and Distribute to Contractors								
9	Proposal Preparation, including testing, as necessary								
10	Proposal/Methodology Due Date					◆			
11	SMC Review and Selection								
12	Lagoon Closure Plan								
13	Prepare Draft Lagoon Closure Plan								
14	SMC Review								
15	Revise and Submit Closure Plan								
16	Presentation to NJDEP							◆	
17	NJDEP Review of Draft Closure Plan								
18	Prepare Final Closure Plan								
19	SMC Review								
20	QAPP, Phase II Lagoon Closure								
21	QAPP Preparation								
22	SMC Review								
23	Revise and Submit Draft QAPP								
24	Presentation to NJDEP								◆
25	NJDEP Review of Draft QAPP								
26	Prepare Final QAPP								
27	SMC Review and Submittal								

Date: 6/13/95

Critical Milestone
 Noncritical Summary

**SMC PROJECT SCHEDULE
STORMWATER MANAGEMENT PLAN**

ID	Name	Duration	Scheduled Start	Scheduled Finish	Predecessors
1	STORMWATER MANAGEMENT PLAN	112d	6/5/95	11/8/95	
2	Prepare Draft Stormwater Management Plan	60ed	6/5/95	8/4/95	
3	SMC Review	7ed	8/4/95	8/11/95	2
4	Revise and Submit Draft Stormwater Mgmt Plan	14ed	8/11/95	8/25/95	3
5	Presentation to NJDEP	0ed	8/25/95	8/25/95	4
6	NJDEP Review of Draft Stormwater Mgmt Plan	30ed	8/25/95	9/24/95	5
7	NJDEP Comments Due	0ed	8/25/95	8/25/95	6
8	Prepare Final Stormwater Mgmt Plan	30ed	8/25/95	10/25/95	7
9	SMC Review and Submittal	14ed	10/25/95	11/8/95	8

**SMC PROJECT SCHEDULE
STORMWATER MANAGEMENT PLAN**

ID	Name	1995							Jan
		Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	STORMWATER MANAGEMENT PLAN	[Summary bar spanning Jun to Nov]							
2	Prepare Draft Stormwater Management Plan	[Critical bar]							
3	SMC Review			[Milestone]					
4	Revise and Submit Draft Stormwater Mgmt Plan			[Milestone]					
5	Presentation to NJDEP				[Milestone]				
6	NJDEP Review of Draft Stormwater Mgmt Plan				[Critical bar]				
7	NJDEP Comments Due					[Milestone]			
8	Prepare Final Stormwater Mgmt Plan					[Critical bar]			
9	SMC Review and Submittal						[Critical bar]		

Date: 6/13/95

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Milestone [Diamond symbol]
Summary [Summary bar symbol]

KEY TO PROJECT SCHEDULES

Duration: d = Working Days
 ed = Elapsed Days (Calendar Days)

Predessors: Previous task(s) which are related to current task
 FF The finish date of the current task is related to the finish date of a previous task
 FS The start date of the current task is related to the finish date of a previous task
 +7ed Relationship between two tasks (i.e. 7 calendar days between related task dates)