



Georgia-Pacific LLC
133 Peachtree Street NE (30303-1847)
P.O. Box 105605
Atlanta, Georgia 30348-5605
(404) 652-5054
(404) 654-4701 fax
www.gp.com

August 6, 2015

Mr. David A. Gutierrez, Chief
Department of Water Resources
Division of Safety of Dams
P.O. Box 942836
Sacramento, California 94236-0001

Subject:

Mill Pond Dam, No. 2381 – Extension Request
Former Georgia-Pacific Wood Products Facility 90 West Redwood Avenue, Fort Bragg, California

Dear Mr. Gutierrez:

Georgia-Pacific LLC (Georgia-Pacific) respectfully requests a 5-year extension to the Department of Water Resources Division of Safety of Dams (DSOD) requirement to address the Mill Pond Dam, No. 2381 at the subject site by 2015. Implementation of modifications to the dam would therefore be complete by the end of 2020, in alignment with ongoing environmental activities at the site.

Since the June 2010 evaluation of the Mill Pond Dam, Georgia-Pacific has performed repairs to the Mill Pond Dam crib wall and spillway, modified spillway operation to minimize the elevation of the impounded water, performed additional investigations and analyses to better characterize the Mill Pond Dam conditions, and conducted frequent inspections. Based on the results of these activities the dam continues to perform satisfactorily under current conditions and static loads.

A final stability remedy for the Mill Pond Dam is dependent on the completion of the process to investigate and remediate environmental conditions at the former Mill Site. This process is still ongoing and we anticipate approval for the Baseline Human Health and Ecological Risk Assessment conducted for the Mill Pond and surrounding areas in the Former Georgia-Pacific Wood Products Facility Operable Unit E during the next several months. Following approval of the risk assessment, the process will continue through feasibility study, remedial action plan, remedy design, and implementation phases. Based on the findings of the risk assessment and to be confirmed by the forthcoming feasibility study and remedial action plan, sediment in the Mill Pond is not expected to be subject to active remediation. Planned actions to further address the Mill Pond Dam will synchronize with the environmental process following approval of the remedial action plan. A schedule showing both the entire Former Georgia-Pacific Wood Products Facility environmental remediation and Mill Pond Dam modification activities is included as Attachment 1.

DEPT. OF WATER RESOURCES
DIV. SAFETY OF DAMS

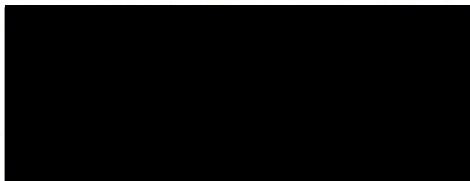
2015 AUG 12 AM 11:52

In the meantime, and based on our recent discussion, Georgia-Pacific will pursue an approach to modify the current configuration of the Mill Pond (Figure 1). The proposed Mill Pond modification includes the installation of an interior levee to create separate "East" and "West" ponds that will no longer fall under DSOD jurisdiction (Figures 2 and 3). The West Pond will retain the existing spillway at a crest elevation of 39 feet mean sea level (MSL). The West Pond dam height will be at approximately 17 feet as measured from the spillway to the approximate original stream channel elevation at the crib wall (the expected controlling section), approximately 22 feet MSL. The West Pond will have a storage capacity of approximately 14.62 acre feet. The East Pond will discharge to the West Pond via a spillway within the levee with an approximate spillway crest elevation of 39.3 feet MSL, which is a dam height of approximately 22.3 feet measured from the lowest elevation of native ground at the toe of the retaining wall along the north berm, approximately 17 feet MSL. The East Pond will have a storage capacity of approximately 49.72 acre feet. Cross sections of the proposed East and West Ponds are shown on Figure 4. During construction of the levee, the area across the narrow "neck" of the existing Mill Pond will be founded on firm ground (marine terrace deposits or bedrock). The levee design will be detailed in future deliverables and will meet DSOD design criteria. A conceptual design of the proposed spillway and levee is included as Figure 3. The spillways will be designed to accommodate a 100-year storm. Area capacity curve graphs for the East and West Ponds are shown in Figure 5 presenting the proposed East and West Pond areas and pond storage volumes as a function of their respective water surface elevations. Following confirmation of an acceptable conceptual approach, a final Alteration Application will be submitted to DSOD.

In addition to the requested extension, and based on the findings of monthly inspections and the recent analysis indicating the structure is statically stable, we request that the regular inspection frequency be reduced from monthly to semiannually.

If you have any questions or concerns, please contact me at your earliest convenience.

Sincerely,



Senior Director

Figures:

- Figure 1 - Mill Pond Volume Natural Shoreline Water Surface to Bottom of Sediment Surface
- Figure 2 - East and West Pond Plan View Conceptual Design
- Figure 3 - East and West Pond Details Conceptual Design
- Figure 4 - East and West Pond Profile Views Conceptual Design
- Figure 5 - East and West Pond Area Capacity Curve Graphs

Attachment:

Attachment 1 – DTSC and DSOD Process Schedule

cc:

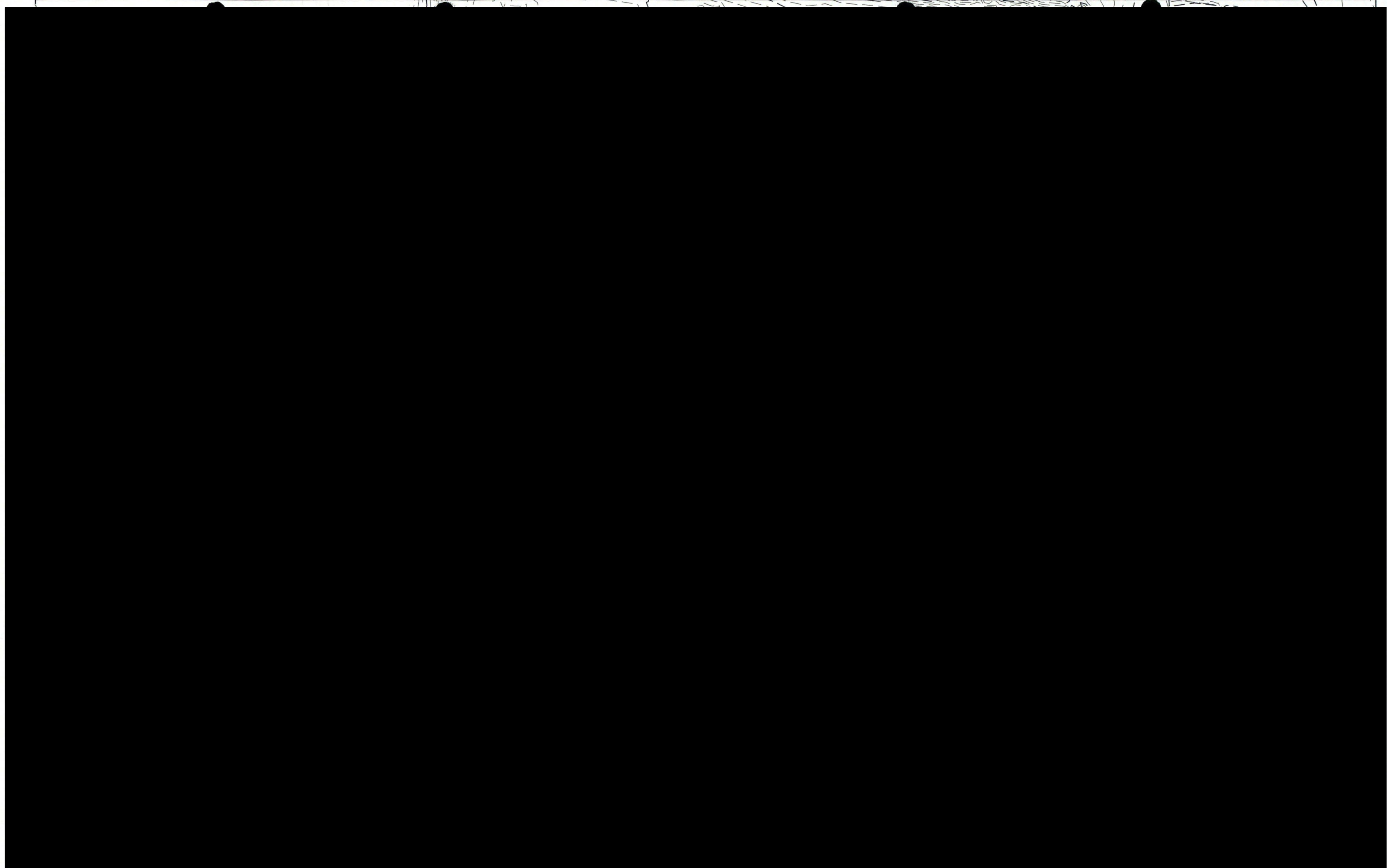
Dean Smith, DSOD

[REDACTED], ARCADIS

[REDACTED] ARCADIS

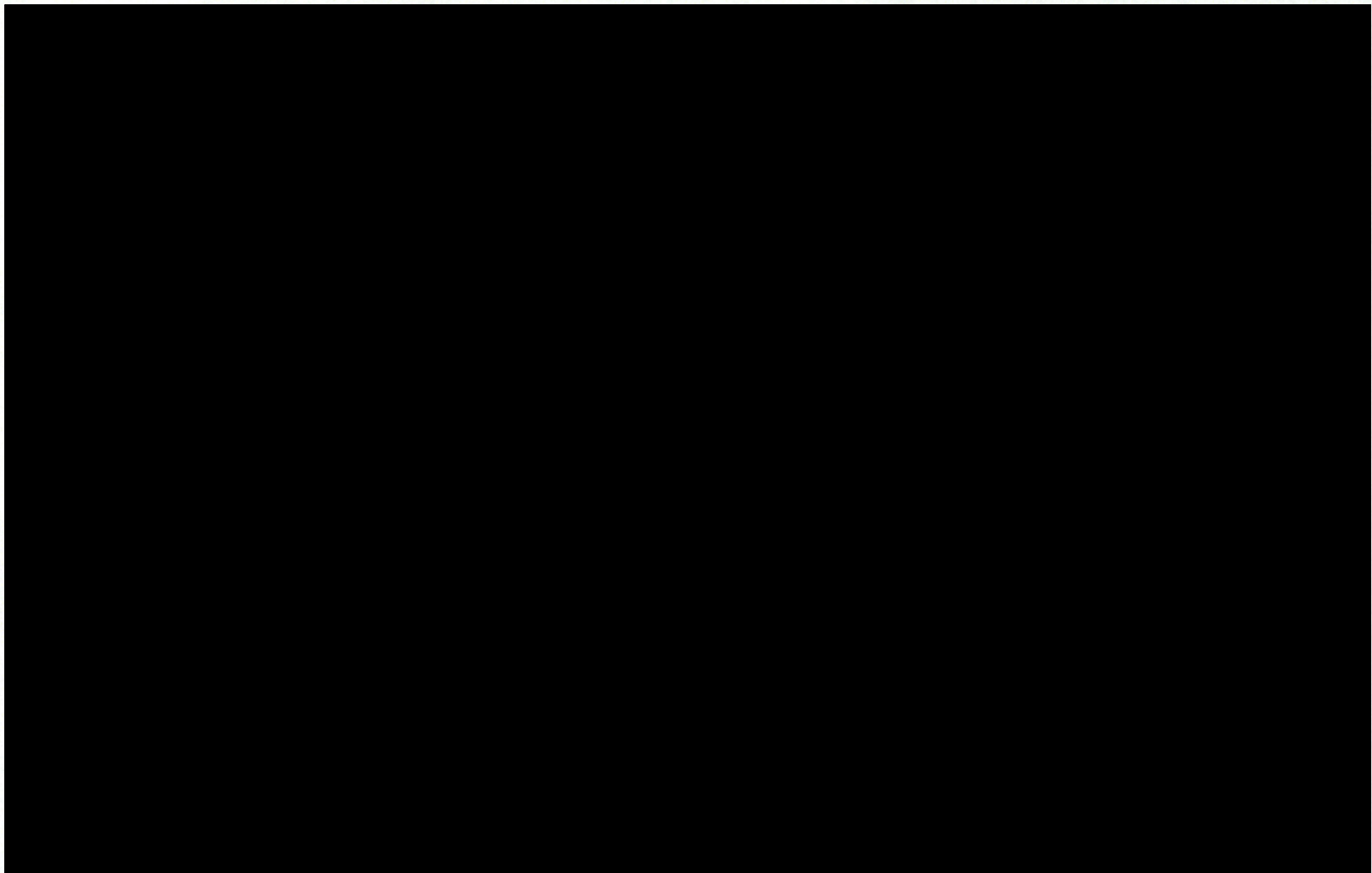


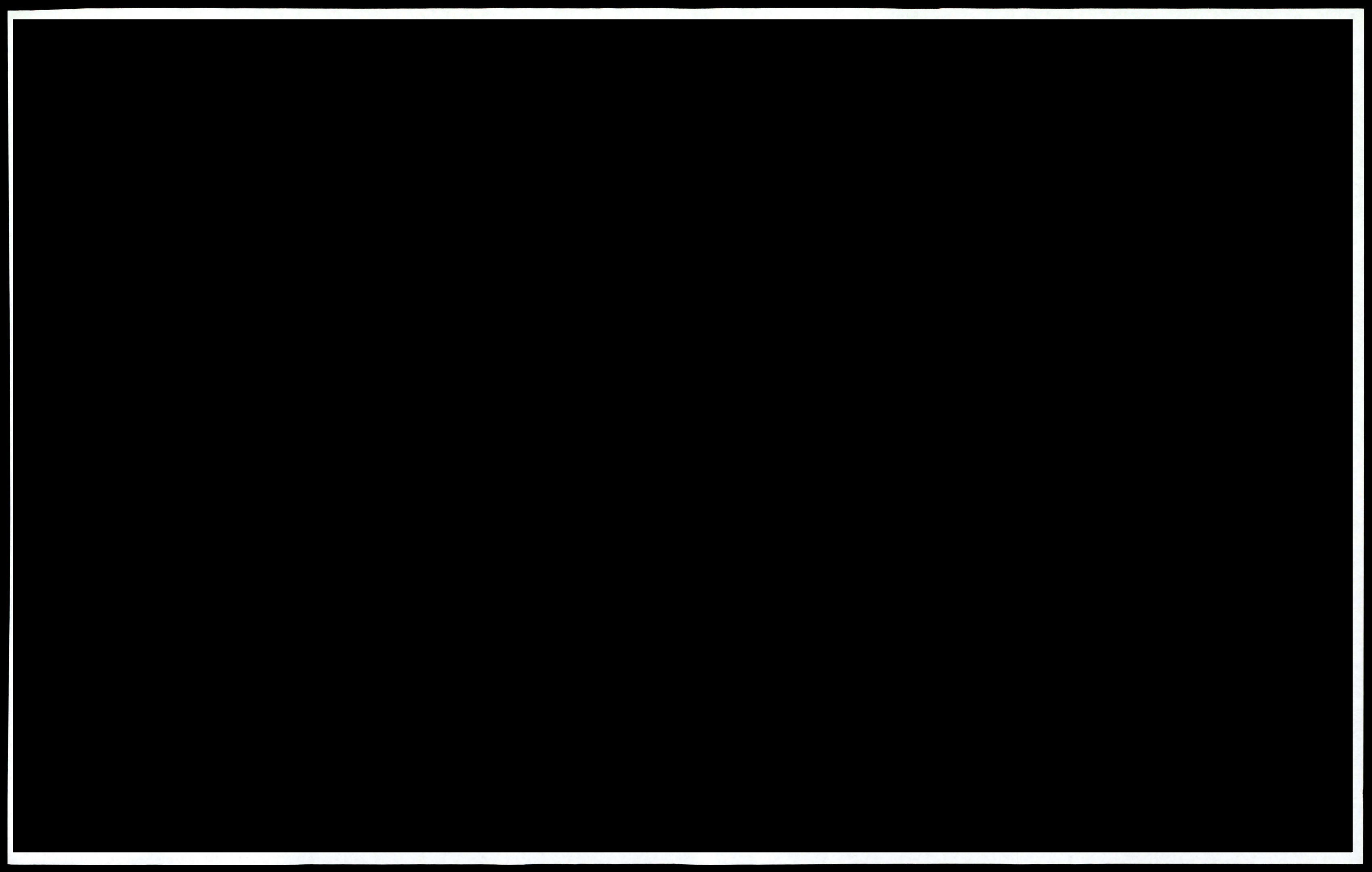
Figures













Attachment

Attachment 1 – DTSC and
DSOD Process Schedule

ID	Task Name	Duration	Start	Finish	2015		Half 1, 2016				Half 1, 2017				Half 1, 2018				Half 1, 2019				Half 1	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
117	Initial Study	30 days	Tue 6/26/18	Mon 8/6/18																				
118	DTSC / Coastal Commission review	20 days	Tue 8/7/18	Mon 9/3/18																				
119	Mitigated Negative Declaration Project Description	40 days	Tue 9/4/18	Mon 10/29/18																				
120	DTSC / Coastal Commission review	20 days	Tue 10/30/18	Mon 11/26/18																				
121	Public Review Period	45 days	Tue 11/27/18	Mon 1/28/19																				
122	Respond to Comments & Prepare Final	35 days	Tue 1/29/19	Mon 3/18/19																				
123	Mitigated Negative Declaration	0 days	Mon 3/18/19	Mon 3/18/19																				
124	Full Project Permitting	120 days	Tue 10/30/18	Mon 4/15/19																				
125	Permitting Process	120 days	Tue 10/30/18	Mon 4/15/19																				
126	Remediation Construction	100 days	Tue 4/16/19	Mon 9/2/19																				
127	Contractor Selection/Procurement	40 days	Tue 4/16/19	Mon 6/10/19																				
128	Construction	60 days	Tue 6/11/19	Mon 9/2/19																				
129	DSOD Process	1451 days	Mon 6/2/14	Mon 12/23/19																				
130	DSOD 2014 Investigation	217 days	Mon 6/2/14	Tue 3/31/15																				
132	DSOD Design Process	315 days	Wed 7/1/15	Tue 9/13/16																				
133	Conceptual Design	30 days	Wed 7/1/15	Tue 8/11/15																				
134	30% Design	90 days	Wed 8/12/15	Tue 12/15/15																				
135	60% Design	45 days	Wed 12/16/15	Tue 2/16/16																				
136	Construction Drawings	30 days	Wed 2/17/16	Tue 3/29/16																				
137	DSOD Application	120 days	Wed 3/30/16	Tue 9/13/16																				
138	Dam Improvements Construction	140 days	Tue 6/11/19	Mon 12/23/19																				
139	Mobilization	10 days	Tue 6/11/19	Mon 6/24/19																				
140	Dam Improvements	120 days	Tue 6/25/19	Mon 12/9/19																				
141	Demobilization	10 days	Tue 12/10/19	Mon 12/23/19																				
142	Remedial Action Report	85 days	Tue 12/10/19	Mon 4/6/20																				
149	Post Construction Monitoring	1300 days	Tue 12/10/19	Mon 12/2/24																				

Project: DRAFT GP Fort Bragg Schedu
Date: Fri 7/31/15

Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Progress	
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Deadline	

Page 2