

Sequence	Area	Title
1	B	Area "B" Southeast Gas Lines
2	B	Area "B" South Enhancement
3	A	Area "A" Gas Line Removal
25	A & Property 1	Gas Well Abandonment
9	B & Property 1	Area "B" North Gas Line Relocation & Well Abandonment
29	B	Area B Abandon Wells
30	B	Area B around Wells Clear & Grub
31	B	Finish Grading and Habitat Establishment
4	A & B	Pedestrian/Bike Bridge
5	A & C	Lincoln Bridge
6	A	Clear, Grub, and Stockpile Area "A"
7	A	Excavate Area "A"
8	A	Area "A" Construct North Levee
10	B	Area "B" North Clear & Grub
11	B	Area "B" North Over Excavate and Stockpile
12	B	Construct Area "B" Levee
13	B	Clear, Grub, and Stockpile Remove Invasives for Area "B" East
14	B	Area "B" East Stockpile Grading
15	C	Clear & Grub Area "C" North & South
19	A	Area "A" Excavate New Channel
16	A & C	Area "A" Grading and Export to Area "C" North & South <b>Off-Site</b>
17	C	<del>Finish Grading</del> <b>Remove invasives</b> for Uplands Area "C" <b>North &amp; South</b>
18	B	Area "B" New and Reconstructed Culverts
20	A & B	Area "A" and Area "B" North Block and Fill Existing Levees

21	A & B	Area "A" and Area "B" North Remove Existing Levees
22	B	Area "B" West Fire Access Road
23	A & B	Bike Path, Pedestrian Walkway and Amenities
xx	A	Area "A" Excavate New Channel
24	A	Export
26	A	Area A around Wells Clear & Grub
27	A	Area A around Wells Grading and Export to West Area B
28	A	Finish Grading For Uplands
		<b>SEPARATE PHASE</b>
9	B & Property 1	Area "B" North Gas Line Relocation & Well Abandonment
29	B	Area B Abandon Wells
30	B	Area B around Wells Clear & Grub
31	B	Finish Grading and Habitat Establishment
		<b>Area B West</b>
32	B	Area "B" West Clear & Grub
33	B	Area "B" West Grading and Levee Extention
34	B	Area "B" West Excavate and Breach Existing Levees
35	B	Finish Bike Path, Pedestrian Walkway and Amenities
36	B	Finish Grading For Uplands

Actions	Same as Alt 1?
1a. Remove and relocate existing gas line	Y
2a. Create stormwater detention/treatment swale/wetland (10,000 CY wet cut)	Y
3a. Remove existing inactive gas line	Y
3b. Cut and cap gas line at Fiji Way	Y
32a. Drill new well at SoCal Gas Plant to replace Del Rey 17 and 19	Y
32b. Abandon and plug Del Rey 13, 14, 15, 17, 18 and 19	Y
32c. Remove existing gas lines serving removed wells	Y
31a. Finish grading around wells	N
31b. Re-establish upland vegetation	N
9c. Remove existing pipelines	Y
29b. Abandon and plug Vidor 1, 2, 3, 5, 14, 18 and Del Rey 4, 5, 9, 11	Y
29b. Remove existing pipelines	Y
30a. Remove vegetation around wells (2,000 CY)	Y
31a. Finish grading around wells	Y
31b. Establish vegetation	Y
4a. Construct temporary & portion of final re-routed trail to existing trail	Y
4b. Construct new pedestrian/bike bridge over Ballona Creek	Y
4c. Reroute Ballona Creek Bike Trail under Culver Blvd Bridge	Y
5a. Build Lincoln Bridge next to Culver Bridge to connect Area A to Area C North	Y
6a. Remove vegetation from Area A (54,400 CY dry cut)	Y
6b. Remove trash	Y
6c. Stockpile	Y
7a. Remove 36" concrete pipe near center of Area A	Y
7b. Excavate old fill from Area A (1,384,000 999,700CY wet cut, see note)	Y
7c. Dig below (over excavate) future levees (30,000 CY dry cut)	Y
8a. Grade and construct new levee around Area A (125,300 CY fill)	Y
8b. Protect Del Rey 13, 14, 15, 17, and 19	Y
10a. Remove vegetation from Area B North and Area B West (168,000 CY wet cut)	Y
10b. Remove trash	Y
11a. Excavate Area B North and perimeter of Area B West (61,000 CY wet cut)	Y
11b. Dig below (over excavate) future levees (27,000k CY wet cut)	Y
12a. Construct Area B levees (739,000CY fill – reuse of soils from Area B = 52k and import from Area A = 859k cut resulting in 687k fill)	Y
13a. Remove vegetation <b>invasives</b> in Area B East (18,000 CY wet cut)	N
13b. Stockpile and prepare for fill	N
14a. Grade Area B east and import from Area A (80,000 340,000 CY import from Area A)	N
15a. Protect baseball fields and structures	N
15b. Clear vegetation from Area C North (56,000 CY dry cut) & South (15,000CY dry cut)	N
15c. Re-align and replace Marina ditch (45,000 CY wet cut)	Y
19a. Excavate Ballona Creek Channel in Area A (277,800 190,900 CY cut)	N
16a. Excavate Area A and export to C South (300,000 CY total) <b>Off-Site (1,230,000 CY Total; Split into Seq 's 16 (859k), 19/20 (195k), 21 (166k), and 24 (10k))</b>	N
16b. Excavate Area A and export to C North (720,000 CY ultimate total; 403,000 CY at this sequence-until levee is breached)	N
17a. Finish grading <b>Remove invasives</b> Area C North & South	N
17b. Re-establish upland vegetation	Y
18a. Install culverts under Culver and Jefferson Blvd	Y
18b. Remove existing FWM pipes and outlets	Y
18c. Construct new FWM outlet and spillway	Y
20a. Install temporary pipe	Y
20b. Temporary block then fill existing Ballona Creek (235,000 CY fill from Seq 19)	Y

21a. Remove old Ballona Creek levee (Assume 45,000 CY wet cut; 121,000CY dry cut) — Export to Area C North, quantities included in Sequence 16, ultimate. <b>Off Site</b>	N
22a. Construct maintenance and fire road in Area B West	Y
22b. Reconstruct Area B parking lot	Y
23a. Construct bike and ped trails on levees	Y
23b. Construct County Parking Structure Foundation	Y
23c. Construct County Parking Structure	Y
<b>Install culverts in existing north Ballona Creek levee</b>	<b>N</b>
24a. Export final excess dirt quantity (Assume 1,230,000 CY, per line 16a.)	N
26a. Remove vegetation around wells (2,000 CY)	N
27a. Excavate Area A and Export to West Area B (208,000 CY)	N
28a. Finish grading around wells	N
28b. Re-establish upland vegetation	N
31a. Finish grading around wells	N
31b. Re-establish upland vegetation	N
9c. Remove existing pipelines-	Y
29b. Abandon and plug Vidor 1, 2, 3, 5, 14, 18 and Del Rey 4, 5, 9, 11	Y
29b. Remove existing pipelines-	Y
30a. Remove vegetation around wells (2,000 CY)	Y
31a. Finish grading around wells	Y
31b. Establish vegetation	Y
32a. Remove vegetation in Area B West (76,000 CY)	N
33a. Install temporary flexible storm drain	N
33b. Dig below (over excavate) levees (10,800k CY wet cut)	N
33c. Grade Area B West channels, construct salt pan berm, and construct levee with import from stockpile from Area B North and East at 248,000 CY (31,200 + 216,800 CY (291,800 less 49,000 and 26,000))	N
34a. Breach existing levee in Area B West and place in Stability berms (75,000 CY wet = 26,000 + 49,000)	N
35a. Construct maintenance and fire access road and bike path on new levee.	N
36a. Finish grading Area B East	N
36b. Re-establish upland vegetation	N

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