

RECLAMATION

Managing Water in the West

This List is Subject to Change Pending Project Operation Issues

Complete CVP RAX List As of August 31, 2007

Rax #	Area Office	Rank	Order	Facility	Description
514	Other SCCAO-	1	1	Prospect Island	Repair levee breach
427	Tracy	2	0	Tracy Fish Facility	Replacement of Biologists' Trailer
410	CCAO SCCAO-	2	1	Nimbus Fish Hatchery	Fish Diversion Structure Replacement
472	Tracy	2	1	Tracy Pmp Plt	13.8KV Breakers Replacement and Bus Protection Improvements
360	CCAO	3	0	Folsom Dam	Ganty Crane Mod for stoplog installation.
464	CCAO	3	0	Folsom Powerplant	Folsom Powerplant Safety Corr./4th Floor Rennov.
276	CCAO	3	0	Folsom Pumping Plant	overhead crane upgrade: Awarded 11/5/02 \$156K
385	CCAO	3	0	New Melones Powerplant	Procure/Install Second Set of Draft Tube Gates
479	CCAO	3	0	New Melones Recreation	Replace Project Signs
477	CCAO	3	0	New Melones Recreation	New Melones Road Repair w/480
435	CCAO	3	0	New Melones Resource Area	Repair/replace recreation area water and wastewater system
229	CCAO	3	0	Nimbus Powerplant	gantry crane festoon system : Awarded 11/15/02 \$236K
447	CCAO	3	0	Tuttletown Recreation	Restriping, chip seal, and road repairs
340	NCAO	3	0	Shasta Dam	Shasta Dam Gantry Crane - refurbish and modernize.
249	Other	3	0	CVP Region Wide	(-MP-160) regional powerplant noise reduction
424	Other SCCAO-	3	0	CVP Region Wide	Regional Transformer Surge Replacement/Lightning Arrestors
502	Fresno SCCAO-	3	0	Friant-Kern Canal	Install six foot high safety/security fencing along sections of the Friant-Kern Canal
433	Tracy	3	0	Tracy Fish Facility	Northside Utilities Replacement/Grounds Electrical Utility System
508	CCAO	3	1	Folsom Dam	Radiating Cable & Antenna Comm. System
453	NCAO SCCAO-	3	1	Coleman Fish Hatchery	Water Supply Intake Rehabilitation
71	Tracy	3	1	Tracy FF-Tracy PP	Replace trash rake cleaning system
510	CCAO	3	2	Folsom Powerplant	Radiating Cable & Antenna Comm. Sytem
383	NCAO SCCAO-	3	2	Shasta Dam	remove cable crane
498	Tracy	3	2	Tracy Fish Facility	Fill abandoned intake channel at the Tracy Fish Collecting Facility
512	CCAO	3	3	Nimbus Powerplant	Radiating Cable & Antenna Comm. Sytem
478	CCAO	3	4	New Melones Recreation	Purchase emergency Generator for Administration Complex
480	CCAO	3	5	New Melones Dam	Road repair/replace guardrails w/477
504	CCAO	3	6	Folsom South Canal	Fence Replacement
489	CCAO	3	7	New Melones Recreation	Concrete vault toilet replacement
500	CCAO	3	9	New Melones Recreation	Design and purchase emergency boat house for New Melones Lake
476	CCAO	3	10	New Melones Dam	Camp Nine Bridge Removal
411	NCAO	4	0	Clear Creek Tunnel	Tunnel Repairs
24	NCAO	4	0	Shasta Dam	Spillway Repair
361	NCAO SCCAO-	4	0	Shasta Dam	Shasta 750 elev. Tube valve No. 1
55	Tracy	4	0	Tracy Fish Facility	replace bypass box transition
511	CCAO	4	1	Nimbus Powerplant	Intall HVAC
481	CCAO	4	2	New Melones Recreation	Repair toilet, sinks, shower stalls
440	CCAO	5	0	Folsom Dam	Radial Gate Repairs & Catwalk Safety Corrections

RECLAMATION

Managing Water in the West

This List is Subject to Change Pending Project Operation Issues

Complete CVP RAX List As of August 31, 2007

Rax #	Area Office	Rank	Order	Facility	Description
460	CCAO	5	0	Folsom Dam	Annunciator replacement
223	CCAO	5	0	Folsom Powerplant	folsom units overhaul (Unit 3, then Unit 1)
258	CCAO	5	0	Folsom Powerplant	Unit Draft Tube Bulkhead Gate Refurbishing
232	CCAO	5	0	Folsom Pumping Plant	replace northfork & natoma flowmeters & bypass
237	CCAO	5	0	Folsom South Canal	fog seal asphalt maintenance roads
391	CCAO	5	0	New Melones Powerplant	Unit 1/Unit 2 - Runner Replacements (\$4.1M Power Customer funded)
436	CCAO	5	0	New Melones Powerplant	New Melones K1A/K2a transformer Refurb (Concurrent w/RAX #391)
389	CCAO	5	0	Nimbus Dam	Nimbus Dam Radial Gate Attachments & Repairs
279	CCAO	5	0	Nimbus Dam	Radial Gate Stoplog Procurement
387	CCAO	5	0	Nimbus Powerplant	Replace Nimbus Transformer KVA
27	NCAO	5	0	Buckhorn Dam	buckhorn dam erosion protection and restoration
342	NCAO	5	0	JF Carr Powerplant	main unit transformers - refurbish & paint
339	NCAO	5	0	SC, JF Carr, Trinity Powerplant	trd pwr plts-repair/replace poly roofs (Iss contract w/RAX item #294)
294	NCAO	5	0	Shasta - Keswick	repair/replace polyurethane roofs (iss contract with RAX item #339)
46	NCAO	5	0	Shasta Dam	shasta dam - clean weeps and drains
402	NCAO	5	0	Shasta Powerplant	rewind (not uprate) main unit generators 1 & 2
343	NCAO	5	0	Shasta Powerplant	paint penstocks
38	SCCAO- Tracy	5	0	Delta Cross Channel	delta cross channel gates rehab
473	SCCAO- Tracy	5	0	Delta Mendota Canal	Replace 18-17'X20' radial gate leafs and 36gate arms at CS 1, 3, 4, 8, 9, & 10
29	SCCAO- Tracy	5	0	ONeill Pmp Gen Plt	Generator excitation systems
442	SCCAO- Tracy	5	0	Tracy Fish Facility	O&M Office Building Rehabilitation
430	Tracy	5	1	Tracy Fish Facility	Replace loading bucket and truck tanks
47	NCAO	5	2	Trinity Dam	trinity dam - clean weeps and drains
491	SCCAO- Tracy	5	2	Tracy Fish Facility	Rehabilitate TFF Screened Water System
49	NCAO	5	3	Whiskeytown Dam	whiskeytown dam - clean weeps and drains
493	SCCAO- Tracy	5	3	Tracy Fish Facility	Primary Louver System Improvements
509	CCAO	5	4	Folsom Dam	Replacement of Unit Substation DDA
62	SCCAO- Tracy	5	4	ONeill Pmp Gen Plt	o'neill unit breaker replace
485	CCAO	5	5	Folsom Powerplant	Folsom Switchyard UHA Replacement
407	NCAO	5	5	Trinity Dam	Trinity Dam - 10' x 20' fixed wheel (guard) gate overhaul
446	SCCAO- Tracy	5	5	Delta Cross Channel	Delta Cross Channel vegetation removal
482	CCAO	5	6	New Melones Recreation	Reroof Admin Bldg, Visitor Center, Maintenance Bldg, Restrooms
499	NCAO	5	6	Whiskeytown Dam	Replace existing electrical conduits and junction located in the outlet works tunnel.
484	CCAO	5	7	Nimbus Powerplant	Nimbus Sub-station replacement project
120	NCAO	5	7	Keswick Dam	keswick dam spillway reg. gates rehab (Coat upstream & downstream)
418	CCAO	5	8	Nimbus Powerplant	Nimbus PP U1/U2 Overhaul
465	NCAO	5	8	Keswick Dam	Overhaul and recoat the 9 penstock fixed wheel gates
356	CCAO	5	9	New Melones Powerplant	Unti BFV bypass plug valves replacement

RECLAMATION

Managing Water in the West

This List is Subject to Change Pending Project Operation Issues

Complete CVP RAX List As of August 31, 2007

Rax #	Area Office	Rank	Order	Facility	Description
501	NCAO	5	10	Shasta Dam	Repair and mitigate corrosion on temperature control device.
274	CCAO	5	11	New Melones Dam	sloping intake hydraulic controls
300	NCAO	5	11	Keswick Powerplant	main unit circuit breakers & buss replacement
277	CCAO	5	12	Nimbus Powerplant	Nimbus Static Exciters
261	CCAO	5	13	New Melones Powerplant	Replace excitation system
488	CCAO	5	14	Folsom Powerplant	Folsom U1/U2/U3 Rewind and Runner Replacement(100%Power customer funded)
505	NCAO	5	14	Keswick Powerplant	Upgrade cooling water system strainers
200	NCAO	5	15	Shasta Office	shasta recreation trail w/blm
487	CCAO	5	16	New Melones Recreation	Artifact Storage Facility Replacement
515	NCAO	5	16	JF Carr Powerplant	Re-coat exterior and interior of Penstocks 1 & 2
486	CCAO	5	17	Folsom Dam	North Fork Pipeline repair
516	NCAO	5	17	Whiskeytown Dam	Coat interior of Penstocks 1&2
517	NCAO	5	18	Spring Creek Powerplant	Re-coat interior of Penstocks 1 & 2
45	NCAO	5		Keswick Dam	Clean weeps and drains
214	CCAO	6	0	Folsom Dam	Repair guard rails & resurface folsom dam road
226	CCAO	6	0	New Melones Powerplant	butterfly valve hydraulic rams overhaul w/#356
297	NCAO	6	0	JF Carr Powerplant	Generator excitation systems (Contract w/RAX items 312 & 305)
496	NCAO	6	0	SC, JF Carr, Trinity Powerplant	Replace station service switchgear at three TRD PwrPlants
44	NCAO	6	0	Shasta Powerplant	shasta station service units rerehabilitation
497	NCAO	6	0	Shasta Powerplant	Replace existing main unit circuit breaker with SF6 circuit breakers.
471	NCAO	6	0	Spring Creek Desbris Dam	Re-install rip-rap along the right hand upstream groin
305	NCAO	6	0	Spring Creek Powerplant	Generator excitation systems (Contract w/RAX items 297 & 312)
312	NCAO	6	0	Trinity Powerplant	Generator excitation systems (Contract w/RAX items 297 & 305)
458	CCAO SCCAO-	6	1	New Melones Dam	Replace NM Dam and Powerplant Office
375	Tracy	6	1	Tracy Pmp Pit	replace Tracy U1 and U4 pump impellers
495	CCAO	6	2	Folsom Dam	Civil Maintenance Building Replacement
492	NCAO	6	2	Shasta Dam	Fabricate a second river outlet coaster gate stop log & installation of storage bldg.
257	CCAO	6	3	Folsom Dam	Unit Fixed Wheel Gate Refurbishing
390	CCAO	6	4	Folsom Powerplant	Transformer K1A/K2A Replacement
260	CCAO	6	5	Folsom Powerplant	Folsom static exciters
412	NCAO	6	5	Trinity Powerplant	Main Unit Trans KRA-Repl (Des/Contr w/RAX items 413 & 414)
507	CCAO	6	6	Folsom Dam	Conduit Bank Installation
413	NCAO	6	6	Spring Creek Powerplant	Main Unit Trans KRA-Repl (Des/Cont w/RAX items 412&414)
252	CCAO	6	7	Nimbus Powerplant	Unit Governor Component Replacement
114	NCAO	6	7	Keswick Dam	keswick - refurbish gantry crane
386	CCAO	6	8	Folsom Dam	Unit IntakeTemperature Control Shutters
286	CCAO	6	9	Folsom Powerplant	Automate Unit Cooling Water Controls (U2 & U3 Only)
490	NCAO	6	9	Shasta Dam	Purchase and install Shasta Maintenance Center Paint Booth

RECLAMATION

Managing Water in the West

This List is Subject to Change Pending Project Operation Issues

Complete CVP RAX List As of August 31, 2007

Rax #	Area Office	Rank	Order	Facility	Description
359	CCAO	6	10	Folsom Dam	Spillway Gate Trunnion Pin and Bearing Replacement
271	CCAO	6	11	New Melones Powerplant	station service restoration from unit 1
335	NCAO	6	11	Keswick Powerplant	keswick main unit transformers - repaint
259	CCAO	6	12	Folsom Powerplant	oil centrifuge replacement
506	CCAO	6	13	Folsom Dam	Replace Office Building
455	NCAO	6	13	Coleman Fish Hatchery	Administration Office Building Seismic Upgrade
238	CCAO	6	14	Nimbus Fish Hatchery	overhaul hatchery outlet gate (at dam)
456	NCAO	6	14	Coleman Fish Hatchery	Garage/Warehouse Seismic Upgrade
434	CCAO	6	15	New Melones Dam	Surge Tank - Clean, prime, and recoat; Replace base sealant
459	CCAO	6	16	New Melones Dam	Replace Low Level Outlet Works Culvert
244	CCAO	8	1	Nimbus Powerplant	replace turb bearing water filter system
474	SCCAO- Tracy	9	0	Delta Cross Channel	Gate structure fencing installation
145	SCCAO- Tracy	9	0	ONeill Pmp Gen Plt	flow metering
431	SCCAO- Tracy	9	0	Tracy Office	Rehabilitate admin building and replace Tracy Admin Building HVAC system
513	CCAO	9	1	Folsom Dam	Security Gate Installation
266	CCAO	9	1	Nimbus Fish Hatchery	nimbus fish hatchery modernization ph-v
414	NCAO	9	1	JF Carr Powerplant	Main Unit Trans KRA - Repl (Des/Contr w/RAX items 413 & 412)
409	Other SCCAO-	9	1	CVP Wide	(CVO-600)inst penst flowmeters(Folsom,Nimbus,KE,SC,TN)
403	Fresno	9	1	Friant-Kern Canal	Kings River Check backup system
298	NCAO	9	2	JF Carr Powerplant	generator governors - upgrade
444	SCCAO- Tracy	9	2	Tracy Fish Facility	Install Computer Control System for Velocity Control Pumps
267	CCAO	9	3	Nimbus Powerplant	nimbus pwr plt intake trashrake
306	NCAO	9	3	Spring Creek Powerplant	generator governors - upgrade
373	SCCAO- Tracy	9	3	Delta Mendota Canal	automate DMC Checks 14 through 21
268	CCAO	9	4	Folsom Pumping Plant	automate pumping plant
302	NCAO	9	4	Keswick Powerplant	Digital governors
270	CCAO	9	5	Folsom South Canal	automate canal & headworks
468	NCAO	9	5	Shasta Dam	Refurbish 750 el. Tube valves no 2, 3, &4
179	NCAO	9	6	Trinity Fish Hatchery	In hatchery trash rack redesign
148	NCAO	9	8	Keswick Dam	keswick dam road & maint. ctr fng & paving
336	NCAO	9	9	Shasta Powerplant	shasta switchyard - modernize lighting system
167	NCAO	9	10	Keswick Powerplant	keswick pwr plt - generator forebay stoplogs
52	NCAO	9	11	Trinity Powerplant	trinity pp - repaint exterior metal structure
166	NCAO	9	12	Trinity Powerplant	trinity turbine seal rings
338	NCAO	11	0	SC, JF Carr, Trinity Powerplant	trd pwr plts - repave parking compounds
377	NCAO	11	0	Shasta Dam	Shasta Dam Spillway Bridge - Repaint
309	NCAO	11	1	Shasta Powerplant	portable oil processing unit
426	SCCAO- Tracy	11	1	Delta Mendota Canal	Staten Island Salinity Station Replacement

RECLAMATION

Managing Water in the West

This List is Subject to Change Pending Project Operation Issues

Complete CVP RAX List As of August 31, 2007

Rax #	Area Office	Rank	Order	Facility	Description
307	NCAO SCCAO-	11	2	SC, JF Carr, Trinity Powerplant	portable oil processing unit
432	Tracy SCCAO-	11	2	Delta Mendota Canal	Replace Andrus Island Salinity Station
82	Tracy SCCAO-	11	3	Tracy Pmp Plt	rewind unit exciters
367	Tracy	11	4	Tracy Pmp Plt	Rewind Tracy Unit Rotors
303	NCAO SCCAO-	11	5	Keswick Powerplant	portable oil processing unit
371	Tracy SCCAO-	11	6	Tracy Pmp Plt	rewind Tracy Unit motor stators
122	Tracy	11	7	O'Neill Pmp Gen Plt	storage & shop bldg constr
194	NCAO	12	1	Shasta Office	shasta visitor's center - rehabilitate Upper Vista House