

Conway Ranch DRAFT 2014 Annual Report and 2015 Operations Plan



December 2014

Prepared by:

Mono County Department of Public Works
PO Box 457
Bridgeport, CA 93517



Table of Contents

- I. Introduction
- II. 2014 Public Meetings and Outreach
- III. 2014 Operations
 - a. Irrigation
 - i. Virginia Creek Water Rights
 - ii. Wilson (Mill) Creek Water Rights
 - b. Grazing
 - c. Aquaculture
 - d. CDFW 1600 Streambed Alteration Agreement Requirements
 - e. Enhancements and Maintenance
- IV. 2015 Tentative Operations (numbered in coordination with the Conservation Easement)
 - (1.1) Aquaculture
 - 1.1.a – groundwater extraction
 - (1.2) Livestock grazing
 - (1.3) Irrigation
 - (1.4) Small-scale organic agriculture
 - (1.5) CDFW Streambed Alteration Agreement Requirements
 - (1.6) Noxious plants
 - (1.7) Mono County – Bureau of Land Management Memorandum of Understanding for Collaborative Management of the property
 - (1.8) Southern California Edison Powerhouse Tailrace and associated infrastructure
 - (2) Public access, public recreation, public education, and infrastructure related to such uses
 - (3) Protection of historic resources
 - (4) Any alternate nonprofit or county commercial use of the property other than aquaculture or grazing compatible with protection of conservation values
 - (5) Construction, maintenance, and repair of the property’s roads and trails
 - (6) Communications with funders, lessees, easement holder, and regulatory agencies
 - (7) Restoration, enhancement, and study of natural resources
 - (8) Property restoration upon cessation of aquaculture or livestock grazing operations
 - (9) Any other activities and uses that the County may wish to include which are not otherwise expressly addressed in the conservation easement

Appendices

- A. Property Map with Notes
- B. List of Potential Operational Enhancements and Maintenance
- C. 2014 SCE Lundy Powerhouse Flow Summary (preliminary data)
- D. 2014 Conway Ranch Irrigation Log

I. Introduction

2014 has proven to be a very eventful year at the Conway Ranch. In April, long time Conway Ranch manager and Economic Development Director Dan Lyster retired, and the project was re-assigned to Tony Dublino in the Public Works Department. In July, the aquaculture operator, Inland Aquaculture Group, vacated the premises and removed most of the infrastructure on the site. In December, a Conservation Easement with the Eastern Sierra Land Trust was recorded.

Each of these developments alone would be expected to have significant impacts on the future management and operations at Conway Ranch. Together, they represent a major shift in the way the property has been managed in the past, and how it will be managed in the future.

This Annual Report is one manifestation of that shift. It intends to communicate issues, opportunities, operational accomplishments and plans to the public, agencies, and interested stakeholders. This Annual Report is a staff-level document and is not a part of the Conservation Easement. The intent is simple: to inform the public and other interested parties as to the current status and future plans for the Conway Ranch.

II. Public Meetings and Outreach

The Conway Ranch Conservation Easement prompted numerous meetings about the property in 2014. The Ranch was on the agenda at meetings of the Mono Basin RPAC, the Mono County Fisheries Commission, and the Board of Supervisors. Most of these meetings focused on the Conservation Easement that was under consideration.

Meetings between the County and agencies including the USFWS, CA DFW, and BLM also occurred during the year. These meetings were intended to bring new management up to speed on the various environmental issues and opportunities at the Ranch, and to discuss ways to improve and enhance the Conservation Easement that was being developed.

Representatives from the grazing leaseholder, FIM Corporation, and the Eastern Sierra Land Trust, were present at several of those meetings, and provided additional perspective on their individual needs and expectations for the Ranch.

III. 2014 Operations

a. Irrigation / Water Rights

2014 irrigation of Conway Ranch was for the most part successful, but there were several issues that arose throughout the year. Most of these issues were related to the absence of fish-rearing activities, as there was more water available to utilize for agriculture and other enhancement activities. Utilizing that additional water for those activities required some experimentation, which was not always successful. Specifically, some ponding and over-saturation of meadows occurred throughout the irrigation season. Nonetheless, each of these situations provided insight that will be applied in future years. A detailed log of irrigation during the 2014 season is included as Appendix D.

i. Virginia Creek Water Rights

The Virginia Creek Diversion (Appendix A, #1) has been hampered over the years by loss as the ditch passes through private property at Conway Summit, and becomes braided and indistinct between the private property and the Ranch. The majority of the ditch and the point of diversion are located off of the county-owned ranch and is therefore not subject to the requirements of the conservation easement until it enters the ranch property. The County has a 6cfs water right but the current conveyance does a poor job of carrying and delivering the water. Maintenance is required on the existing ditch on the private property, and County staff is working toward performing that maintenance in the spring of 2015. The section of ditch between the private property and the Ranch is in need of major improvements. This will probably involve agency approval and review, and represents a longer term maintenance issue. There may be an opportunity to get NRCS on site to help shoot elevations on ditch above the private property, and eliminate flat spots which is another reported issue. There is potential to double the existing feed on North Conway if the full 6cfs were received.

Irrigation ditches on the BLM section of Conway Ranch appear to be in good condition. There is a need to bring in a culvert to permanently protect the historic structure (noted on Appendix A) from damage. The BLM could use more water if it were available. This would help them to do more irrigating in areas that have been drying up during the extended drought. Additional checks/gates near the cabin would also help to move water around North Conway.

The sediment basins at North Conway (Appendix A, #1d) are in acceptable condition and are not currently in need of being cleaned out. The next time sediment basins get cleared out, BLM has requested the dirt be delivered to the historic structure so it can be utilized there.

ii. Wilson (Mill) Creek Water Rights

The Lower Conway diversion (Appendix A, #5a) needs maintenance in several places. Most of the maintenance could be completed with sandbags, as sections of the ditch (first turn, and at each diversion) are spilling over.

The ditches below aquaculture area, in the 1600 permit enhancement area (Appendix A, #3c and 3d), could be greatly improved by additional checks. It would help to spread the water around the area more, which would not only increase success of enhancement efforts but would also increase feed. The existing system and lack of controls has created some ponding and over-saturation issues.

A report of flows provided by SCE via Wilson Creek is included in Appendix C.

b. Grazing

In 2014, FIM Corporation grazed Conway Ranch approximately 75 days, with approximately 1500 sheep. At the County's request, the sheep were brought onto Mattly Ranch first so they might be taken off the property as soon as possible and avoid the rutting season of the Sierra Nevada Bighorn Sheep (SNBS). The animals were brought onto Mattly Ranch on September 7th and were off by September 12th. There is a question about whether real-time maps of bighorn locations might be warn shepherds of approaching animals.

Small sections of the North Conway Ranch were studied for signs of over-grazing, and in those areas, over-grazing did not appear to be an issue.

The sheep spent the rest of the season on the Conway portion of the Ranch. Due to the absence of aquaculture activities, sheep were able to graze around the aquaculture area for the first time in several years. Bowl Meadow (Appendix A, #2b) is not favorable for grazing. The meadow is thatched and needs to be mowed, burned, or some other method to return the meadow to a graze-able condition.

FIM has suggested that fixing the historic corrals on North Conway (noted on Appendix A) would increase their efficiency and may allow them to bring the animals in sooner, which would help with SNBS concerns on Mattly. The maintenance of these corrals would be something they would consider doing should they get a longer term renewal of their contract.

c. Aquaculture

The aquaculture operators, Inland Aquaculture Group, decided in 2013 that they would not be raising fish on Conway Ranch in 2014 and removed all fish from the site in November 2013.

The lack of fish in the raceways meant that IAG had no beneficial use of the water aside from watering the remaining fish in the Float Tube Pond (Appendix A, #3b). Water was provided to this pond throughout the summer, but other raceways were utilized as irrigation ditches only, as a means of conveyance of water to various parts of the Ranch.

In July 2014, the aquaculture agreement with IAG was terminated. They removed infrastructure, including cargo containers, trailers, informational kiosks, pavers, raceway liners, and other infrastructure, from the site.

The removal of the liners from the raceways caused an infestation of Russian Thistle along the raceway edges, as formerly lined and dry raceway berms were now thoroughly saturated. This is a problem that was not dealt with in 2014, but will be monitored and dealt with as necessary in future years.

There was an effort to keep water flowing to the Float Tube Pond as long as possible in 2014, but after numerous efforts to remove the remaining fish in the pond, the water supply was stopped in November. This was done because of inadequate resources to ensure an adequate and consistent flow of water through conveyance infrastructure through the winter. Absent any demonstrable need, there are no plans to re-fill the Float Tube Pond.

d. CDFW Streambed Alteration Agreement Requirements

The Conway Ranch Enhancement Plan (approved as part of the 1600 permit) contained certain measures meant to enhance wildlife habitat on the property. In 2014, there were no aquaculture demands for water from a pipeline, so the County was able to not only provide ample water for enhancement activities, but was also able to convey that water through the historic Bell diversion ditch. In doing so, the impact of the pipeline was eliminated for that period of time while the related enhancement efforts continued.

The County delivered as much water as was necessary to repeatedly saturate the enhancement areas during summer 2014, and performed necessary maintenance to the ditch system to ensure the continued success of the enhancements efforts. Due to the drought conditions, the enhancement areas were provided more water than the Enhancement Plan called for.

It was not possible to gauge 2014 success versus years past as the photos included with the Enhancement Plan did not have location (plot) information that was specific enough to make an accurate determination of success. Attempts to obtain the watering logs or photos from IAG were unsuccessful. Since no records of pre-2014 activities were available, a comparison could not be made.

As a result, it seems the best course forward is to determine specific survey plots where success criteria will be measured, mark the plots on the ground, determine GPS coordinates, and begin to create an accurate and thorough log.

The 1600 permit calls for specific watering times and amounts (.75 – 1 cfs from South and North Diversion Structure, 1 – 1.5 cfs from Float Tube Pond) but this strict watering schedule does not account for the inevitable seasonal fluctuations of precipitation, temperature, humidity, etc. The County would appreciate the opportunity to manage these enhancement areas based on a specific model of saturation-dryness instead of a strict time and flow requirement. In this way, the specific needs of the desired species might be better met. Ultimately, success criteria should be the determining factor.

Considering the variety of maintenance efforts, and the similar environmental issues presented by those efforts, it may be possible to pursue a comprehensive 1600 permit with CA DFW that would replace the 1600 permit for the Bell pipeline entirely. Such a permit could consider maintenance activities, enhancements projects and other work that might individually require CA DFW review. In this way, the County could manage the land more efficiently than pursuing permits for individual projects.

e. Enhancements/Maintenance

There were several maintenance projects completed in 2014. The sedimentation basins on North Conway were cleaned out in the Spring. There were numerous maintenance efforts along existing irrigation ditches that ranged from the seasonal cleanout and minor repairs with hand tools, to the completion of the last section of maintenance on Lower Conway ditch.

The maintenance of the Lower Conway Ditch has been an ongoing effort for the last three years. Maintenance was completed in Fall 2014, and the Lower Conway ditch can now convey water to an area on North Conway where the meadow and willow habitat has struggled during times of insufficient water. Ditch maintenance will not solve the issue of insufficient water, but will ensure a viable conveyance for years when there is enough water to spread to these areas, and enable the County to enhance these sections of habitat.

FIM Corporation, under the “Water-Master” (aka Irrigation Specialist) contract with the County, has been clearing sediment and repairing breaches in the Lower Conway ditch as time and resources have permitted. This year, they completed the final section of approximately 800’ (Appendix A, #5b). The

effort has had a couple problems relating to underground utilities, as when a power line serving the Conway Ranch subdivision was struck in 2012 and this year, when a fiberoptics cable was struck after the location had been inaccurately marked.

Following IAG's vacation of the site, there was an immediate need to replace certain infrastructure that had been taken. Approximately 100 new drop boards for the critical irrigation gates were fabricated and put in place in order to effectively move water throughout the site.

IV. 2015 Tentative Operations

(1.1) Aquaculture

Although there are no specific plans for aquaculture in 2015 as of this time, there is substantial interest in resuming some form of aquaculture at Conway Ranch. Activities being considered during the 2015 season include collection of data relating to the quantity and quality of surface and ground water, and re-lining of raceways. No other improvements or operations are being considered at this time.

(1.1.a) Groundwater Extraction

There are no current plans for groundwater extraction in 2015. There may be a proposal to explore groundwater quality, or a proposal to conduct a groundwater study which would require extended pump-testing, but the extraction and use of water for aquaculture purposes is not anticipated in 2015.

(1.2) Livestock Grazing

Plans for grazing are tentative at best, subject to the season we have, vegetative patterns and the like. Grazing on Conway will be conducted by FIM Corporation, in accordance with the sheep grazing lease. The number of sheep will correlate directly with the number of bands FIM has in the Bodie hills.

Tentatively, FIM will bring sheep onto the property as early as possible, and sheep will go directly to Mattly Ranch. It is anticipated this could be as early as July, but probably during August. Timing will depend on coordination with BLM allotments, and how quickly the sheep move across those allotments given the available feed the 2015 season brings.

(1.3) Irrigation

It is impossible to know exactly when irrigation will begin on Conway, and it is impossible to know exactly how much water will be available once irrigation does begin. Nonetheless, there are some basic concepts that will guide 2015 irrigation efforts.

(1.3.a) Virginia Creek Water Rights

The Virginia Creek Diversion will be turned on (up to 6cfs, but no more than the ditch can adequately convey) at the soonest time, snow and weather conditions permitting, but not before March 1st. Maintenance efforts will occur as soon as possible, snow and weather permitting, and may be conducted after diversion has begun for the season. In this instance the diversion will be shut down for

maintenance to occur. The water from the Virginia Creek Diversion will be spread across the North Conway Meadow (Appendix A, #1a-1d) in accordance with past irrigation practices. The irrigation of North Conway Meadow will continue until the diversion is shut off due to weather, but no later than September 15th.

(1.3.b) Wilson (Mill) Creek Water Rights

Mattly Ranch will be the first meadow to receive water from Wilson Creek. This is intended to bring up feed as soon as possible. Watering on Mattly, to be conducted through the Upper Conway and Lower Conway Diversions, will proceed on a rough schedule of two weeks on (until puddling) and one week off (until dry). This schedule will end two weeks before arrival of sheep, and will remain off until the departure of sheep from Mattly. Following the departure of sheep, Mattly may be watered but watering will be restricted to surplus water not otherwise used for irrigation, aquaculture and/or 1600 enhancement activities.

If available, water will be put into the Lower Conway ditch in an effort to move toward the end of the ditch and begin enhancement of habitat at the northwestern corner of the ranch. This effort will be monitored closely to help determine the long-term feasibility of that recovery effort.

(1.4) Small-scale organic agriculture

There are no plans for development of agriculture on Conway Ranch in 2015.

(1.5) CDFW Streambed Alteration Agreement Requirements

Water will be kept in the historic Bell Diversion Ditch until aquaculture activities demand water to be placed in the pipeline. The enhancement areas (Appendix A, #3c and 3d), will continue to be watered, but the pattern of that watering will need to be coordinated with DFW. Water will continue to run through Raceway C in order to reach all enhancement areas, intermittently saturating and drying out various enhancement areas. At this time, the Float Tube Pond will be utilized only to get water into the outlet and downstream.

It is anticipated that 2015 will be the season that enhancement success will be determined. This process will involve a survey of plant species in the enhancement areas, so a determination of success can be made. This determination should inform any future enhancement activities pursuant to the 1600 permit.

Discussions with CDFW relating to the development of a comprehensive 1600 permit for all activities on Conway Ranch have occurred. It is possible that efforts toward the development of such a permit could begin in 2015.

(1.6) Noxious plants

No activities relating to Noxious Plants are being considered for 2015 at this time.

(1.7) Mono County – Bureau of Land Management Memorandum of Understanding for Collaborative Management of the property

There are no plans to alter the MOU with the BLM in 2015.

(1.8) Southern California Edison Powerhouse Tailrace and associated infrastructure

There are no plans relating to SCE tailrace and associated infrastructure in 2015.

(2) Public access, public recreation, public education, and infrastructure related to such uses

There are no specific plans at this time to develop access, recreation or education programs on Conway Ranch in 2015, however these topics will be discussed before the Board of Supervisors in 2015 in an effort to begin planning for such developments, if any.

(3) Protection of historic resources

There are no specific plans for protection of historic resources in 2015. Discussions with BLM regarding the need, and resources available for historic preservation resulted in an addition to Appendix B relating to stabilization of historic structures on the Ranch.

(4) Any alternate nonprofit or county commercial use of the property other than aquaculture or grazing compatible with protection of conservation values

No such activities are planned in 2015.

(5) Construction, maintenance, and repair of the property's roads and trails

No such activities are planned in 2015.

(6) Communications with funders, lessees, easement holder, and regulatory agencies

In 2015, there will be meetings with each of these groups as this Annual Report and Operations Plan is distributed, and the input process begins. No meetings have been scheduled at this time, but they are anticipated. The Board of Supervisors is expected to discuss this document as well as other Conway Ranch issues at a February 3rd meeting. There will also be at least one meeting where public will be invited to comment on this Operations Plan.

(7) Restoration, enhancement, and study of natural resources

There is interest in conducting water quality, and quantity studies in 2015. There are no specific plans for enhancement, aside from compliance with the 1600 permit. There are also several enhancement projects included in Appendix B. These activities are not funded at this time, and will require additional Board direction for them to occur.

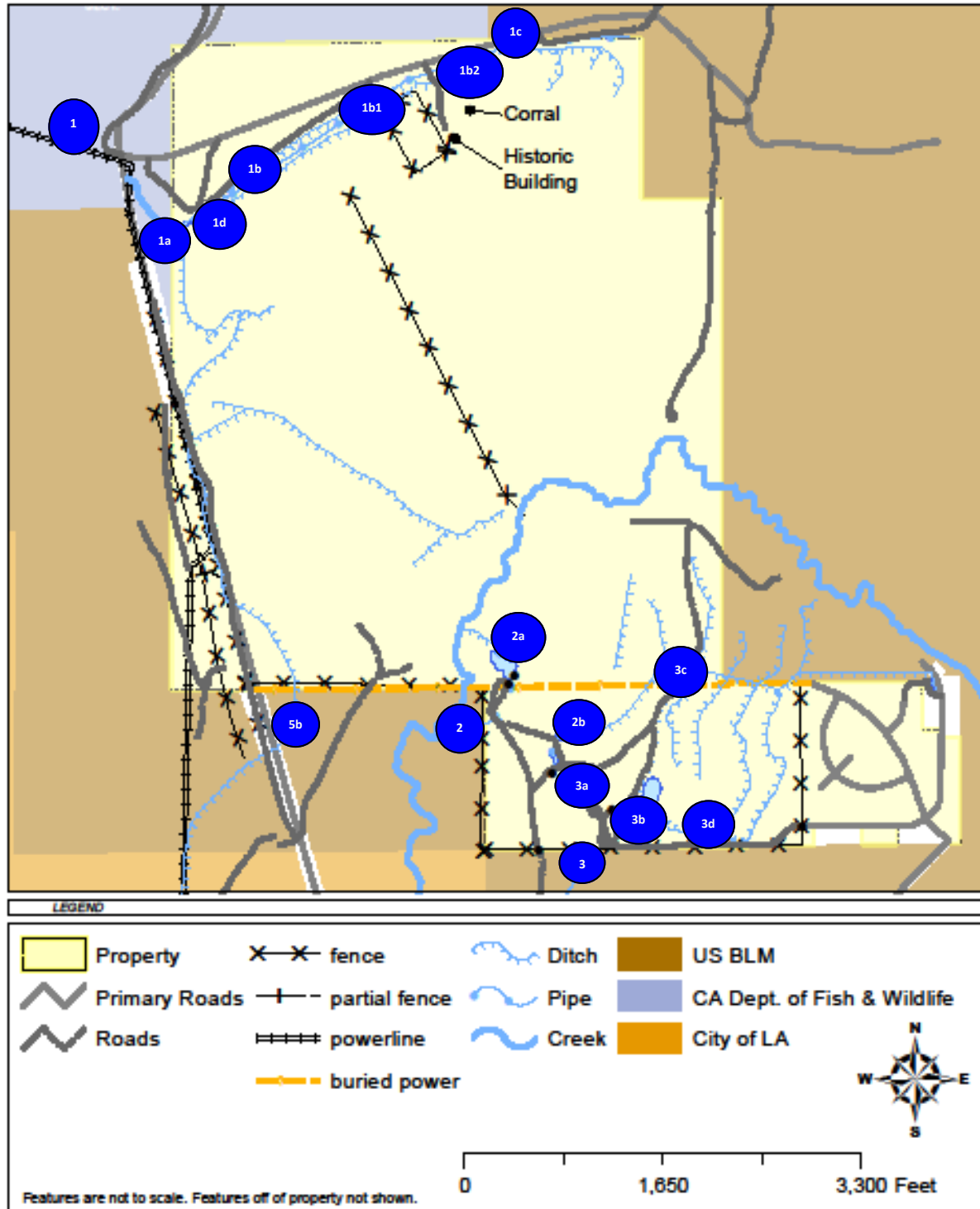
(8) Property restoration upon cessation of aquaculture or livestock grazing operations

Although there are no current aquaculture activities on the property at this time, it is anticipated they will resume at the earliest opportunity. No restoration relating to the temporary cessation of aquaculture activities are planned in 2015.

(9) Any other activities and uses that the County may wish to include which are not otherwise expressly addressed in the conservation easement

No such activities are contemplated at this time.

Appendix A1

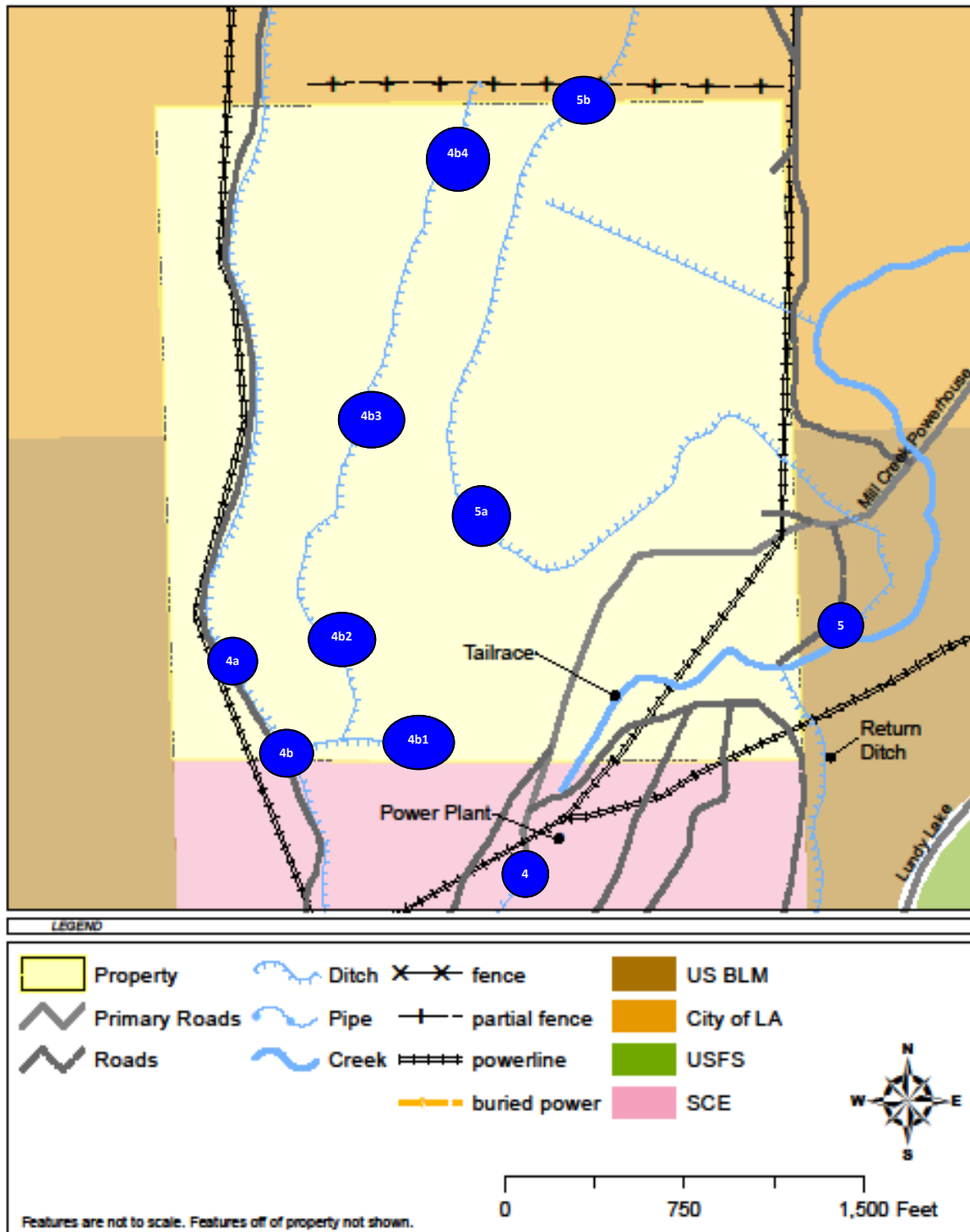


1 Irrigation Diversions and Ditches

- 1. Virginia Creek Diversion
- 1a. South Upper Conway
- 1b. North Upper Conway
- 1b1. North Upper Conway Barn
- 1b2. North Upper Conway Alfalfa
- 1c. Conway BLM
- 1d. North Upper Conway South

- 2. Bowl Diversion
- 2a. Raceway D
- 2b. Raceway B
- 3. Bell Diversion
- 3a. Raceway A
- 3b. Raceway C
- 3c. Enhancement Diversions
- 3d. Trophy Outlet Diversion

Appendix A2



1

Irrigation Diversions and Ditches

- 4. Upper Mattly (aka Upper Conway)
- 4a. Upper Mattly
- 4b. Upper Mattly Drop
- 4b1. South Mattly Meadow
- 4b2. South Middle Mattly Meadow
- 4b3. Middle Mattly Meadow

- 4b4. North Mattly Meadow
- 5. Lower Mattly (aka Lower Conway)
- 5a. Lower Mattly Central Meadow
- 5b. Lower Mattly to North Conway

Appendix B

List of Potential Operational Enhancements and Maintenance

1. Security—solar powered surveillance in aquaculture area.
2. VA Creek Irrigation ditch maintenance from head gate to bottom of private property
3. Exclusion Fencing around springs on North Conway
4. Bowl Meadow treatment—burning, mowing, or tilling
5. Maintenance of leaks in Upper Conway and Lower Conway ditches
6. Install additional check gates in Upper Conway system
7. North Conway—derelict fence removal
8. North Conway—repair historic corrals
9. Check gates in enhancement areas below aquaculture area
10. BLM Culvert at Historic Structure
11. Enlarge Culvert across Lundy Powerhouse Road—Lower Mattly (Lower Conway)
12. Stabilize historic structures on County land at North Conway

Summary Report

Site: 365 Lundy Plant Tailrace
 USGS #: 10287195
 Beginning Date: 10/01/2013
 Ending Date: 09/30/2014

Daily Mean Discharge in Cubic feet/second Water Year Oct 2013 to Sep 2014

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	11	6.1	6.1	6.5	6.8	11	12	7.5	11	8.5	12
2	11	11	6.1	6.1	6.5	6.9	11	12	7.5	12	8.5	12
3	11	11	6.1	6.1	6.5	7.0	11	12	7.5	12	8.5	12
4	11	11	6.1	6.1	6.5	7.0	11	12	7.6	12	8.5	12
5	11	11	6.1	6.1	6.5	7.0	11	12	7.6	12	8.5	12
6	11	11	6.1	6.1	6.5	7.0	11	12	7.6	12	8.5	12
7	11	11	6.1	6.1	6.4	7.0	11	12	7.6	12	8.6	12
8	11	11	6.1	6.1	6.4	7.0	11	12	7.7	12	8.7	12
9	11	11	6.1	6.3	6.4	7.1	11	12	7.7	12	8.7	12
10	11	11	6.1	6.3	6.4	7.1	11	12	7.8	12	8.7	12
11	11	11	6.1	6.3	6.4	7.1	11	12	7.8	12	8.8	12
12	11	8.2	6.1	6.3	6.5	9.2	11	12	7.7	12	8.7	12
13	11	6.1	6.1	6.3	6.5	11	11	12	7.6	12	8.8	12
14	11	6.1	6.1	6.3	6.5	11	11	11	7.7	12	8.9	12
15	11	6.1	6.1	6.3	6.5	11	11	11	7.6	12	8.9	12
16	11	6.1	6.1	6.3	6.5	11	11	11	7.6	12	8.9	12
17	11	6.1	6.1	6.3	6.5	11	11	11	7.6	10	8.9	12
18	11	6.1	6.1	6.3	6.5	11	11	11	7.7	8.5	8.8	12
19	11	6.1	6.2	6.3	6.5	11	11	11	7.6	8.5	8.8	12
20	11	6.1	6.1	6.3	6.5	11	11	10	7.6	8.5	8.8	12
21	11	6.2	6.2	6.3	6.6	11	11	8.6	7.6	8.5	8.8	12
22	11	6.1	6.1	6.3	6.5	11	11	7.6	7.6	8.5	8.7	12
23	11	6.1	6.1	6.3	6.6	11	11	8.0	7.6	8.5	8.7	11
24	11	6.1	6.1	6.3	6.8	11	11	7.9	7.6	8.5	8.6	11
25	11	6.1	6.1	6.2	6.7	11	11	7.9	9.0	8.5	11	11
26	11	6.1	6.1	6.4	6.7	11	12	7.8	11	8.5	13	11
27	11	6.1	6.1	6.5	6.8	11	12	7.6	11	8.5	13	11
28	11	6.1	6.2	6.5	6.7	11	12	7.6	11	8.5	13	11
29	11	6.1	6.1	6.5	-----	11	12	7.7	11	8.5	12	11
30	11	6.1	6.1	6.5	-----	11	12	7.6	11	8.4	12	11
31	11	-----	6.1	6.5	-----	11	-----	7.5	-----	8.4	12	-----
Total	341	239.1	189.4	194.7	182.9	295.2	335	317.8	247.0	319.8	294.8	352
Mean	11.0	7.97	6.11	6.28	6.53	9.52	11.2	10.3	8.23	10.3	9.51	11.7
Max	11	11	6.2	6.5	6.8	11	12	12	11	12	13	12
Min	11	6.1	6.1	6.1	6.4	6.8	11	7.5	7.5	8.4	8.5	11
Acre-Ft	676	474	376	386	363	586	664	630	490	634	585	698
Wtr Year 2014	Total	3308.7	Mean	9.06	Max	13	Min	6.1	Inst Max	13	Acre-Ft	6560
Cal Year 2013	Total	769.5	Mean	8.36	Max	11	Min	6.1	Inst Max	12	Acre-Ft	1530

Appendix D

2014 Conway Ranch Irrigation Log

Date	Diversion #	OPEN	CLOSE	UP	DOWN	Notes
4/9/2014	2	X				
4/9/2014	5	X				
4/10/2014	5			X		
4/12/2014	5			X		
4/12/2014	5A	X				
4/13/2014	1A	X				
4/13/2014	5			X		
4/13/2014	5A			X		
4/20/2014	5				X	
4/30/2014	2B		X			
4/30/2014	1B2	X				
4/30/2014	5			X		
5/5/2014	1C	X				
5/5/2014	1B2	X				
5/5/2014	5B	X				
5/11/2014	1A		X			
5/11/2014	1C	X				
5/11/2014	1B2	X				
5/13/2014	5		X			
5/13/2014	2	X				
5/13/2014	3	X				
5/20/2014	4	X				BY SCE
5/20/2014	4B	X				
5/22/2014	5	X				
5/23/2014	2A	X				SHUT LATER BY IAG
5/25/2014	1A	X				
5/28/2014	2		X			
5/28/2014	3C	X				UPPER ENHANCEMENT AREAS
6/1/2014	1D	X				
6/8/2014	1D		X			
6/8/2014	1B1	X				SPLIT IN HALF
6/8/2014	1B2	X				SPLIT IN HALF
6/8/2014	3D	X				LOWER ENHANCEMENT AREA
6/14/2014	1B1		X			
6/14/2014	1B2		X			
6/14/2014	1C	X				
6/14/2014	4B		X			
6/14/2014	4A	X				
6/18/2014	1C	X				
6/18/2014	1A	X				
6/18/2014	3C	X				UPPER ENHANCEMENT AREA
6/23/2014	2	X				
6/23/2014	2B	X				
6/25/2014	4		X			BY SCE
6/26/2014	5			X		
6/27/2014	1			X		
6/30/2014	5			X		
6/30/2014	3C		X			UPPER ENHANCEMENT AREA
6/30/2014	5A	X				
6/30/2014	1B1	X				SPLIT
7/6/2014	5A1	X				
7/11/2014	5A1		X			

Appendix D

7/11/2014	5A2	X			
7/11/2014	1B2	X			SPLIT
7/13/2014	1C	X			SPLIT BETWEEN 1B AND 1C
7/13/2014	5A1,5A2		X		
7/20/2014	1B, 1C		X		
7/20/2014	1A	X			
7/20/2014	4	X			BY SCE
7/20/2014	5A1	X			
7/20/2014	4B2	X			
7/20/2014	5A1		X		
7/20/2014	5A2	X			
7/27/2014	1D	X			
7/27/2014	1B2	X			
7/27/2014	1C	X			SPLIT
8/3/2014	2B	X			
8/3/2014	5A2		X		
8/3/2014	5A3	X			
8/3/2014	1D,1B2,1C	X			
8/10/2014	4B	X			
8/10/2014	5A	X			
8/10/2014	1D	X			
8/10/2014	1B2		X		
8/10/2014	1C	X			
8/17/2014	4B		X		
8/17/2014	4A	X			
8/17/2014	5A1	X			
8/17/2014	1B2	X			
8/17/2014	1C		X		
8/17/2014	2A	X			
8/17/2014	3	X			
8/17/2014	3A	X			SPLIT
8/17/2014	3B	X			SPLIT
8/24/2014	4B3	X			
8/24/2014	5A2	X			
8/25/2014	4		X		BY SCE
8/25/2014	5A3	X			
8/25/2014	2A		X		
8/25/2014	2B		X		
8/25/2014	3A		X		
8/25/2014	3C	X			WILLOWS, UPPER ENHANCEMENT AREA
8/26/2014	5		X		
8/28/2014	1A	X			ALL OTHERS OFF
8/30/2014	1D	X			
9/6/2014	1B	X			
9/6/2014	1C				SPLIT FOR STOCK WATER
9/6/2014	3C			X	
9/14/2014	3C		X		
9/22/2014	1D	X			LOW FLOW, STOCK WATER
9/26/2014	1A	X			LOW FLOW, STOCK WATER
9/26/2014	1C	X			LOW FLOW, STOCK WATER
9/26/2014	3A	X			CONTINGENCY AREA
9/26/2014	3C	X			ENHANCEMENT AREA
10/1/2014	1C	X			ALL OTHERS OFF
10/6/2014	1C,1D	X			LOW FLOW, STOCK WATER