

From: Jan Zimmerman
To: Risher, Bruce
CC: jbrandt@dfg.ca.gov; shannon.l.pankratz@usace.army.mil
Date: 2/6/2012 8:51 AM
Subject: Re: Meadowbrook Woods- Serenity Retreat and Conference Center

Bruce,

Thank you for forwarding CLAWA's concerns regarding the proposed development.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> Bruce Risher <risherbruce@gmail.com> 2/5/2012 12:40 AM >>>
These three documents were sent to Chris Kelly, Director of San Bernardino Land Use Services, by the Crestline-Lake Arrowhead Water Agency (CLAWA).

From: "Pankratz, Shannon L SPL" <Shannon.L.Pankratz@usace.army.mil>
To: JZimmerman@waterboards.ca.gov
Date: 2/9/2012 4:32 PM
Subject: RE: Meadowbrook Road, Crest Park - Inspection 02/06/2012 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: FOUO

Hi Jan,

I met with Bill onsite today, as I was in the area. He mentioned that the original drainage was approximately 10-12 feet wide for most of the length, then broadened to about 20-feet wide before joining the other drainage (that exists the corner of the property). I will have to take a look at aerial and whatnot to see if that may have roughly been the extent of the drainage. It's very possible we will also issue a notice of violation, but I have to talk with my supervisor first to confirm.

Thanks,
Shannon

Shannon Pankratz
U.S. Army Corps of Engineers, Regulatory Division
915 Wilshire, Suite 13060
Los Angeles, CA 90017
Phone: 213.452.3412
Fax: 213.452.4196

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You are invited to complete our customer survey, located at the following link:

<http://per2.nwp.usace.army.mil/survey.html>

Note: If the link is not active, copy and paste it into your internet browser.

-----Original Message-----

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]
Sent: Thursday, February 09, 2012 9:06 AM
To: Pankratz, Shannon L SPL
Cc: Patrice Copeland
Subject: RE: Meadowbrook Road, Crest Park - Inspection 02/06/2012 (UNCLASSIFIED)

Shannon,

Yes, it is tributary to Lake Arrowhead. The residents say that it goes through Blue Jay and then on to the lake at Paradise Bay. Arrowhead Lake Association says that it enters the lake at Burnt Mill Bay. I have a student looking at topos trying to figure it out. The middle of the site is at 34.235232, -117.204617. In google, you can see the drainage crossing the site from southwest to northeast. There a couple of other drainages on the site and at least 2 springs that we know of. The greyish vegetation on the site was mature willow that DFG estimates was 20-30 years old. The property owner has removed this vegetation and buried the drainage is a pipe culvert. I have attached a google and added what I interpret to be the drainage on the site before the disturbance. We are still trying to figure out what happened and when. We will keep you posted.

Jan M. Zimmerman, PG
Engineering Geologist

Lahontan Regional Water Quality Control Board

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Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> "Pankratz, Shannon L SPL" <Shannon.L.Pankratz@usace.army.mil> 2/9/2012 7:58 AM >>>
Classification: UNCLASSIFIED
Caveats: NONE

Hi Jan,

Is this drainage a tributary to Lake Arrowhead?

Thanks,
Shannon

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Los Angeles, CA 90017
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-----Original Message-----

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]

Sent: Monday, February 06, 2012 5:29 PM

To: mollabolla@yahoo.com

Cc: Jeff Brandt; JGIBSON@dfg.ca.gov; Don - LUS Baker; Pankratz, Shannon L SPL; Mike Plaziak;

Patrice Copeland; bryant2662@yahoo.com

Subject: Meadowbrook Road, Crest Park - Inspection 02/06/2012

Mr. Moller,

I met with Bryant Bergeson at your site on Meadowbrook Road in Crest Park. The best management practices (BMPs) in place were inadequate to protect the inlet and outlet of the culvert and the straw waddle onsite was improperly installed and inadequate to stabilize the remainder of the disturbed areas on the site. The following compliance items were clearly discussed with Mr Bergeson.

1. Culvert outlet: inadequate BMPs; need to pull back debris and soil from the top of slope and install a combination of BMPs to keep sediment in place; rooted vegetation will remain in-place, only uprooted vegetation will be removed. Needs to be done today, 02/06/2012.
2. Culvert inlet: inadequate BMPs; need to add another layer of hay bales or layer other BMP to keep sediment from falling into the creek. Needs to be done today, 02/06/2012.

3. Cut slope on southern perimeter of the site: straw waddle is inadequate BMP to stabilize the sediment that can slough from the exposed cut; a combination of BMPs is needed to stabilize the exposed slopes and to prevent concentrating flows.
4. South drainage with stockpiled debris: the debris needs to be removed to restore flows; remove hay bales at outlet of drainage and allow flows to dissipate onto the site. Consider placing a series of straw wattles or gravel bags to dissipate flows across the site.
5. Active construction site: repair silt fencing and install properly (stapled on upstream side).
6. Stabilize entire site using a combination of BMPs to dissipate flows across the site; may want to consider a temporary basin to detain flows and desilt.
7. The project is greater than 1 acre, start the Notice of Intent process now and begin developing a Stormwater Pollution Prevention Plan (SWPPP). The SWPPP must identify the temporary BMPs to stabilize the site during construction as well as permanent BMPs to manage stormwater post-construction.
8. Restoring the creek channel to pre-construction condition would not require a 401 permit; however any deviation from restoring the creek to original condition would require a 401 permit and a review under the California Environmental Quality Act.
9. Water Board staff may re-inspect the site tomorrow (02/07/2012) during rain specifically to observe the site and to take water samples from the inlet and outlet of the culvert.

Items 1 and 2 need to be done immediately (02/06/2012). Items number 3-7 need to be done or in progress by 02/08/2012. Please keep in mind that in order for BMPs to be effective, they must be installed properly. Generally, a combination of BMPs is more effective than a single type of BMP, especially for a large, complex site such as this one. Attached is another copy of our original Notice of Non-Compliance from November 2011. Mr. Bergeson stated that he did not have a copy of that correspondence.

Please respond to this email and let me know if you understand the above directives.

As always, should you have any questions, please do not hesitate to contact me.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

Classification: UNCLASSIFIED
Caveats: NONE

From: bryant bergeson <bryant2662@yahoo.com>
To: JGIBSON@dfg.ca.gov; bryant2662@yahoo.com
CC: Donald.Baker@lus.sbcounty.gov; christine.kelly@lus.sbcounty.gov;
JZimmerman@waterboards.ca.gov; Shannon.L.Pankratz@usace.army.mil; JGIBSON@dfg.ca.gov; ...
Date: 2/10/2012 4:47 PM
Subject: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park, CA

this is a email for those who can't get the pictures because it exceeds their limit

Dear Group,

Yesterday we had a visit from Shannon (Army corp. of eng.) she saw the water flow and would like to keep the pipe. we would like to re-establish the stream were it was and keep the pipe as an overflow device. Monday Jan (waterboard) visited the site and we discussed more clean up and adjustments to the BMP's. we "tuned up" the BMP's and added more BMP's as we removed the debris. (see today's pictures.) With some suggestions from Jan, we double layered some of the BMP's to help secure the cut slopes and the drainage paths.

Monday
February 13
Partly
cloudy. Highs in the low 40s and lows in the upper 20s.
Tuesday
February 14
Showers.
Highs in the low 40s and lows in the mid 20s.
Wednesday
February 15
A
few clouds. Highs in the mid 40s and lows in the mid 20s.
Thursday
February 16
Sunshine.
Highs in the low 50s and lows in the upper 20s.
Friday
February 17
Partly
cloudy. Highs in the mid 50s and lows in the upper 20s.
Saturday
February 18
Mainly
sunny. Highs in the mid 50s and lows in the upper 20s.
Sunday
February 19
Showers possible. Highs in the mid 50s and
lows in the upper 20s.

Bryant Bergeson
Civil Engineer, P.E. 48805
Phone: (909) 336-6970 (ext. 102)
Fax: (909) 337-2211
Address: 26748 HWY 189, Blue Jay, CA 92317
Mail: P.O. Box 6885 Crestline, CA 92325
E-Mail: bryant@kadtec.com

From: bryant bergeson <bryant2662@yahoo.com>
To: JZimmerman@waterboards.ca.gov; bryant2662@yahoo.com
CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov;
mplaziak@waterboards.ca.gov; Shannon.L.Pankratz@usace.army.mil; Donald.Baker@lus.sbcounty.gov;
Date: 2/13/2012 4:21 PM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park, CA
Attachments: DSCN0084.JPG; DSCN0083.JPG; DSCN0066.JPG; DSCN0082.JPG; DSCN0073.JPG;
DSCN0072.JPG; DSCN0081.JPG; DSCN0074.JPG

pic group 1. north-east end at the outlet of pipe. clear debris and added second layer of BMP's

From: Jan Zimmerman <JZimmerman@waterboards.ca.gov>
To: bryant bergeson <bryant2662@yahoo.com>
Cc: Jeff Brandt <JBrandt@dfg.ca.gov>; Joanna Gibson <JGIBSON@dfg.ca.gov>; Christine - LUS Kelly <christine.kelly@lus.sbcounty.gov>; "Donald.Baker@lus.sbcounty.gov" <Donald.Baker@lus.sbcounty.gov>; "Shannon.L.Pankratz@usace.army.mil" <Shannon.L.Pankratz@usace.army.mil>; Mike Plaziak <mplaziak@waterboards.ca.gov>; Patrice Copeland <PCopeland@waterboards.ca.gov>; "mollabolla@yahoo.com" <mollabolla@yahoo.com>
Sent: Monday, February 13, 2012 8:56 AM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park, CA

Bryant,

Please send the site pictures separately, in groups if needed, so that the agencies can see the BMPs on the site. The attachments will need to be limited 10 MB. In addition to the pictures, verbally describe 1) the BMPs that were added and/or replaced and when, 2) the areas where the debris was cleaned up, and 3) the areas of focus this week. Please provide this information by close of business today.

We agree with Jeff Brandt that a teleconference to discuss the actions to date would benefit all agencies (Army Corps, Water Board, Fish and Game, and the County). Please coordinate with agency staff and provide us with a couple of potential dates and times.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Water Quality Control Board

Phone: 760/241-7376

Fax: 760/241-7308

jzimmerman@waterboards.ca.gov

>>> bryant bergeson <bryant2662@yahoo.com> 2/10/2012 4:47 PM >>>

this is a email for those who can't get the pictures because it exceeds their limit

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keep the pipe. we would like to re-establish the stream were it was and keep the pipe as an overflow device. Monday Jan (waterboard) visited the site and we discussed more clean up and adjustments to the BMP's. we "tuned up" the BMP's and added more BMP's as we removed the debris. (see today's pictures.) With some suggestions from Jan, we double layered some of the BMP's to help secure the cut slopes and the drainage paths.

Monday February 13

Partly cloudy. Highs in the low 40s and lows in the upper 20s.

Tuesday February 14

Showers. Highs in the low 40s and lows in the mid 20s.

Wednesday February 15

A few clouds. Highs in the mid 40s and lows in the mid 20s.

Thursday February 16

Sunshine. Highs in the low 50s and lows in the upper 20s.

Friday February 17

Partly cloudy. Highs in the mid 50s and lows in the upper 20s.

Saturday February 18

Mainly sunny. Highs in the mid 50s and lows in the upper 20s.

Sunday February 19

Showers possible. Highs in the mid 50s and lows in the upper 20s.

Bryant Bergeson

Civil Engineer, P.E. 48805

Phone: (909) 336-6970 (ext. 102)

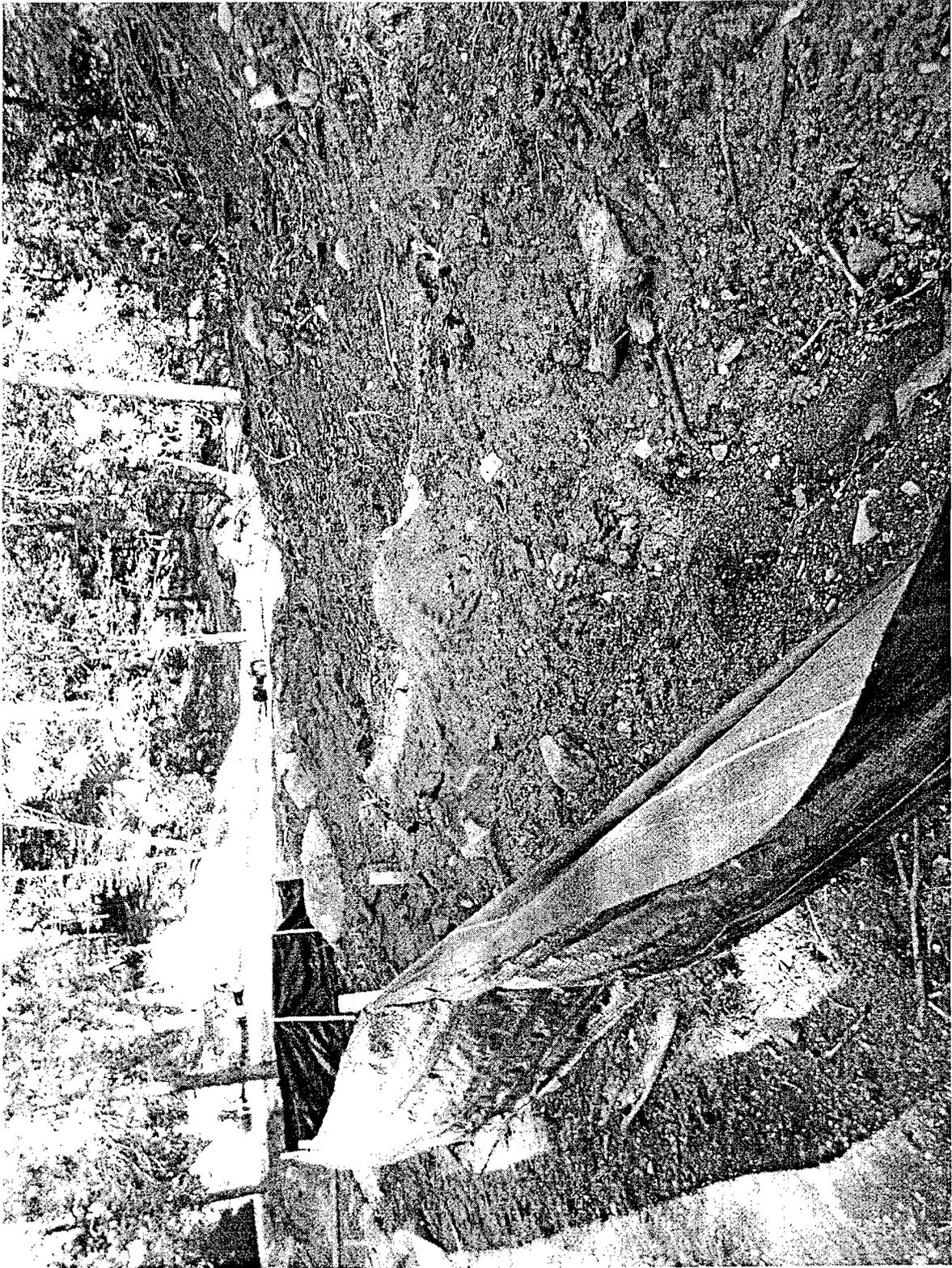
Fax: (909) 337-2211

Address: 26748 HWY 189, Blue Jay, CA 92317

Mail: P.O. Box 6885 Crestline, CA 92325

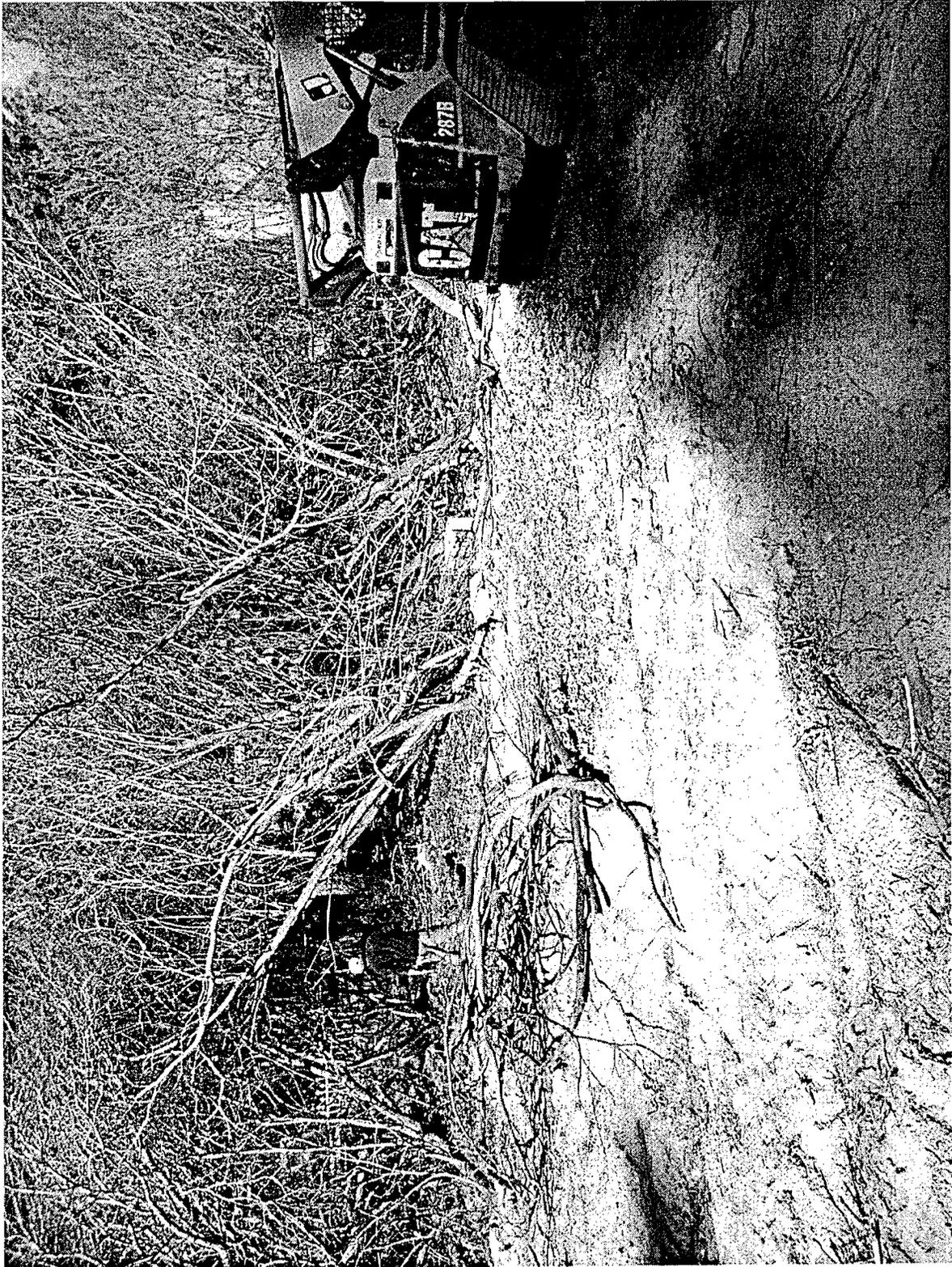
E-Mail: bryant@kadtec.com

















From: "Pankratz, Shannon L SPL" <Shannon.L.Pankratz@usace.army.mil>
To: JZimmerman@waterboards.ca.gov
Date: 2/16/2012 9:00 AM
Subject: RE: Meadowbrook Road, Crest Park - Inspection 02/06/2012 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: FOUO

Thanks!

Shannon Pankratz
U.S. Army Corps of Engineers, Regulatory Division
915 Wilshire, Suite 13060
Los Angeles, CA 90017
Phone: 213.452.3412
Fax: 213.452.4196

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-----Original Message-----

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]
Sent: Thursday, February 16, 2012 8:45 AM
To: Pankratz, Shannon L SPL
Subject: RE: Meadowbrook Road, Crest Park - Inspection 02/06/2012 (UNCLASSIFIED)

Shannon,

One of our students has put together the following maps to help understand where the water flows from the site. It appears that the drainage flows from the site to the north through Blue Jay and then enters Lake Arrowhead at Paradise Bay.

Thanks,
Jan

>>> "Pankratz, Shannon L SPL" <Shannon.L.Pankratz@usace.army.mil> 2/9/2012 4:31 PM >>>
Classification: UNCLASSIFIED
Caveats: FOUO

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Sent: Thursday, February 09, 2012 9:06 AM

To: Pankratz, Shannon L SPL

Cc: Patrice Copeland

Subject: RE: Meadowbrook Road, Crest Park - Inspection 02/06/2012 (UNCLASSIFIED)

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>>> "Pankratz, Shannon L SPL" <Shannon.L.Pankratz@usace.army.mil> 2/9/2012 7:58 AM >>>

Classification: UNCLASSIFIED

Caveats: NONE

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Classification: UNCLASSIFIED
Caveats: NONE

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From: bryant bergeson <bryant2662@yahoo.com>
To: JZimmerman@waterboards.ca.gov; JGIBSON@dfg.ca.gov; bryant2662@yahoo.com
CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov;
mplaziak@waterboards.ca.gov; Shannon.L.Pankratz@usace.army.mil; Donald.Baker@lus.sbcounty.gov;

Date: 2/17/2012 11:54 AM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

Dear Group

i re-sent pictures last Monday. i hope that size works for everyone. We got 6-8 inches of snow over at Meadowbrook Wednesday. Snow everywhere, water draining but no more BMP's to work on until snow melts. My office is working on Streambed Plan. We have 2 weeks before we need to submit. i will send pictures on Monday of snow and drainage.

Bryant Bergeson
Civil Engineer, P.E. 48805
Phone: (909) 336-6970 (ext. 102)
Fax: (909) 337-2211
Address: 26748 HWY 189, Blue Jay, CA 92317
Mail: P.O. Box 6885 Crestline, CA 92325
E-Mail: bryant@kadtec.com

From: bryant bergeson <bryant2662@yahoo.com>
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mplaziak@waterboards.ca.gov; Shannon.L.Pankratz@usace.army.mil; Donald.Baker@us.sbcounty.gov;

Date: 2/23/2012 6:27 PM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

Dear Group,
We had snow last week. The first group of pictures shows the snow and the water flowing as it should. As you can see from the pictures, the water looks clear and free of silt and fines. The water flow is slow and the BMP's are in place and working. The snow is melting as seen by the other pictures. The site plans is progressing and on Monday we will send the first draft.
bryant

Thursday
Clear. High of 63F. Winds from the ENE at 5-10 mph.
Thursday Night
Clear. Low of 39F. Winds from the NE at 5-10 mph.
Friday
Clear. High of 63F. Winds from the North at 5-15 mph.
Friday Night
Clear. Low of 39F. Winds less than 5 mph.
Saturday
Clear. High of 57F. Winds less than 5 mph.
Saturday Night
Clear. Low of 36F. Winds from the ESE at 5-10 mph shifting to the NE after midnight.
Sunday
Clear. High of 52F. Winds from the SW at 5-15 mph.
Sunday Night
Partly cloudy. Fog overnight. Low of 28F. Winds less than 5 mph.
Monday
Mostly cloudy. High of 43F. Winds from the SSW at 5-10 mph shifting to the West in the afternoon.
Monday Night
Partly cloudy. Low of 25F. Winds from the West at 5-15 mph shifting to the NNE after midnight.
Tuesday
Partly cloudy. High of 41F. Winds from the SE at 5-10 mph.
Tuesday Night
Clear. Low of 32F. Winds less than 5 mph.
Wednesday
Clear. High of 46F. Winds less than 5 mph.
Wednesday Night
Partly cloudy. Low of 34F. Winds less than 5 mph.
Thursday
Clear. High of 48F. Winds from the West at 5-15 mph shifting to the North in the afternoon.
Thursday Night
Clear. Low of 30F. Winds less than 5 mph.
Friday
Clear. High of 48F. Winds less than 5 mph.
Friday Night
Clear. Low of 34F. Winds less than 5 mph.

Bryant Bergeson
Civil Engineer, P.E. 48805

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Date: 2/23/2012 6:37 PM

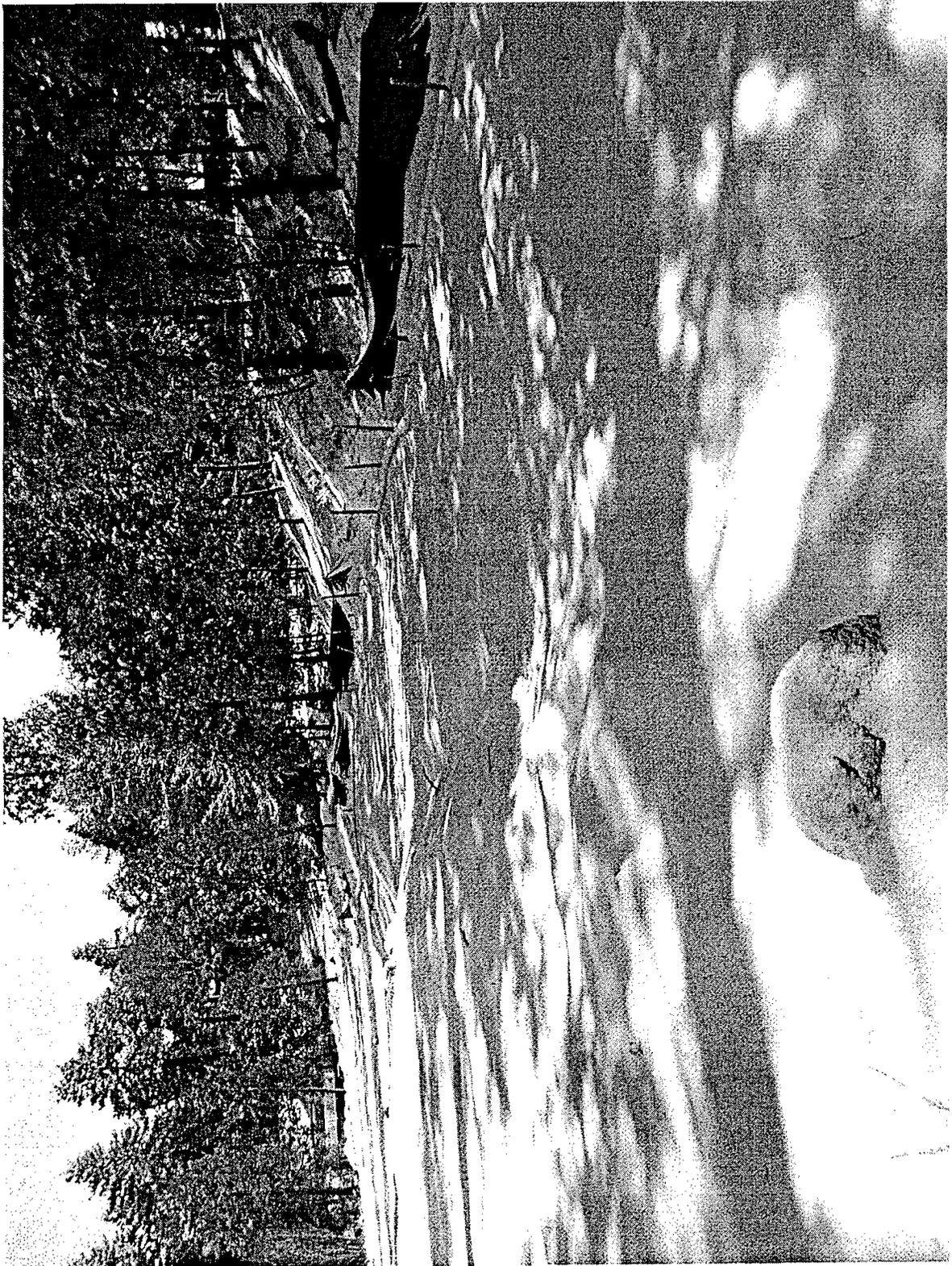
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park, CA

Attachments: DSCN0091.JPG; DSCN0092.JPG; DSCN0090.JPG; DSCN0088.JPG; DSCN0089.JPG

just after snow

Bryant Bergeson
Civil Engineer, P.E. 48805
Phone: (909) 336-6970 (ext. 102)
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Date: 2/23/2012 6:39 PM

Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park, CA

Attachments: DSCN0096.JPG; DSCN0095.JPG; DSCN0093.JPG; DSCN0094.JPG

just after snow #2

Bryant Bergeson
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E-Mail: bryant@kadtec.com

From: bryant bergeson <bryant2662@yahoo.com>
To: JZimmerman@waterboards.ca.gov; JGIBSON@dfg.ca.gov; bryant2662@yahoo.com
CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov;
mplaziak@waterboards.ca.gov; Shannon.L.Pankratz@usace.army.mil; Donald.Baker@lus.sbcounty.gov;
...
Date: 2/23/2012 6:45 PM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA
Attachments: DSCN0107.JPG; DSCN0104.JPG; DSCN0109.JPG; DSCN0106.JPG; DSCN0105.JPG;
DSCN0108.JPG

melting snow-2

Bryant Bergeson
Civil Engineer, P.E. 48805
Phone: (909) 336-6970 (ext. 102)
Fax: (909) 337-2211
Address: 26748 HWY 189, Blue Jay, CA 92317
Mail: P.O. Box 6885 Crestline, CA 92325
E-Mail: bryant@kadtec.com

From: bryant bergeson <bryant2662@yahoo.com>
To: JBrandt@dfg.ca.gov; bryant2662@yahoo.com
CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov;
mplaziak@waterboards.ca.gov; JZimmerman@waterboards.ca.gov;
Shannon.L.Pankratz@usace.army.mil; . . .
Date: 2/24/2012 7:32 AM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

drawings next week

From: Jeff Brandt <JBrandt@dfg.ca.gov>
To: bryant2662@yahoo.com
Cc: Jeff Brandt <JBrandt@dfg.ca.gov>; Joanna Gibson <JGIBSON@dfg.ca.gov>;
christine.kelly@lus.sbcounty.gov; Donald.Baker@lus.sbcounty.gov;
Shannon.L.Pankratz@usace.army.mil; JZimmerman@waterboards.ca.gov;
mplaziak@waterboards.ca.gov; PCopeland@waterboards.ca.gov; mollabolla@yahoo.com
Sent: Friday, February 24, 2012 6:49 AM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

Good morning Bryant.

Photo documentation is an important element, however photos will not make up for a poorly designed, implemented, or maintained set of BMPs. I can't discern if you have placed the appropriate BMPs in the appropriate areas.

Please send a drawing of the BMPs on site, with a legend explaining the type, size, and function of the BMPs. Please describe the monitoring and maintenance of each BMP.

Thank you, Jeff

Sent from Jeff Brandt's Blackberry

-----Original Message-----

From: bryant bergeson <bryant2662@yahoo.com>
To: Gibson, Joanna <JGIBSON@dfg.ca.gov>
Cc: Brandt, Jeff <JBrandt@dfg.ca.gov>
Cc: Kelly, Christine - LUS <christine.kelly@lus.sbcounty.gov>
Cc: Donald.Baker@lus.sbcounty.gov <Donald.Baker@lus.sbcounty.gov>
Cc: Shannon.L.Pankratz@usace.army.mil <Shannon.L.Pankratz@usace.army.mil>
To: Zimmerman, Jan <JZimmerman@waterboards.ca.gov>
Cc: MikePlaziak <mplaziak@waterboards.ca.gov>
Cc: Copeland, Patrice <PCopeland@waterboards.ca.gov>
To: bergeson, bryant <bryant2662@yahoo.com>
Cc: mollabolla@yahoo.com <mollabolla@yahoo.com>

Sent: 2/23/2012 6:27:23 PM

Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

Dear Group,

We had snow last week. The first group of pictures shows the snow and the water flowing as it should. As you can see from the pictures, the water looks clear and free of silt and fines. The water flow is slow and the BMP's are in place and working. The snow is melting as seen by the other pictures. The site plans is progressing and on Monday we will send the first draft.

bryant

Thursday

Clear. High of 63F. Winds from the ENE at 5-10 mph.

Thursday Night

Clear. Low of 39F. Winds from the NE at 5-10 mph.

Friday

Clear. High of 63F. Winds from the North at 5-15 mph.

Friday Night

Clear. Low of 39F. Winds less than 5 mph.

Saturday

Clear. High of 57F. Winds less than 5 mph.

Saturday Night

Clear. Low of 36F. Winds from the ESE at 5-10 mph shifting to the NE after midnight.

Sunday

Clear. High of 52F. Winds from the SW at 5-15 mph.

Sunday Night

Partly cloudy. Fog overnight. Low of 28F. Winds less than 5 mph.

Monday

Mostly cloudy. High of 43F. Winds from the SSW at 5-10 mph shifting to the West in the afternoon.

Monday Night

Partly cloudy. Low of 25F. Winds from the West at 5-15 mph shifting to the NNE after midnight.

Tuesday

Partly cloudy. High of 41F. Winds from the SE at 5-10 mph.

Tuesday Night

Clear. Low of 32F. Winds less than 5 mph.

Wednesday

Clear. High of 46F. Winds less than 5 mph.

Wednesday Night

Partly cloudy. Low of 34F. Winds less than 5 mph.

Thursday

Clear. High of 48F. Winds from the West at 5-15 mph shifting to the North in the afternoon.

Thursday Night

Clear. Low of 30F. Winds less than 5 mph.

Friday

Clear. High of 48F. Winds less than 5 mph.

Friday Night

Clear. Low of 34F. Winds less than 5 mph.

Bryant Bergeson

Civil Engineer, P.E. 48805

Phone: (909) 336-6970 (ext. 102)

Fax: (909) 337-2211

Address: 26748 HWY 189, Blue Jay, CA 92317

Mail: P.O. Box 6885 Crestline, CA 92325

E-Mail: bryant@kadtec.com

From: Jeff Brandt <JBrandt@dfg.ca.gov>
To: bryant2662@yahoo.com
CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov;
mplaziak@waterboards.ca.gov; JZimmerman@waterboards.ca.gov;
Shannon.L.Pankratz@usace.army.mil; . . .
Date: 2/24/2012 6:50 AM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

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Cc: Brandt, Jeff <JBrandt@dfg.ca.gov>
Cc: Kelly, Christine - LUS <christine.kelly@lus.sbcounty.gov>
Cc: Donald.Baker@lus.sbcounty.gov <Donald.Baker@lus.sbcounty.gov>
Cc: Shannon.L.Pankratz@usace.army.mil <Shannon.L.Pankratz@usace.army.mil>
To: Zimmerman, Jan <JZimmerman@waterboards.ca.gov>
Cc: MikePlaziak <mplaziak@waterboards.ca.gov>
Cc: Copeland, Patrice <PCopeland@waterboards.ca.gov>
To: bergeson, bryant <bryant2662@yahoo.com>
Cc: mollabolla@yahoo.com <mollabolla@yahoo.com>

Sent: 2/23/2012 6:27:23 PM

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Friday Night

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CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov;
mplaziak@waterboards.ca.gov; JZimmerman@waterboards.ca.gov;
Shannon.L.Pankratz@usace.army.mil; . . .
Date: 3/5/2012 4:32 PM
Subject: Re: Fw: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park, CA
Attachments: Serenity_drainage profile.pdf; Serenity_Erosion Control plan.pdf

plot and drainage

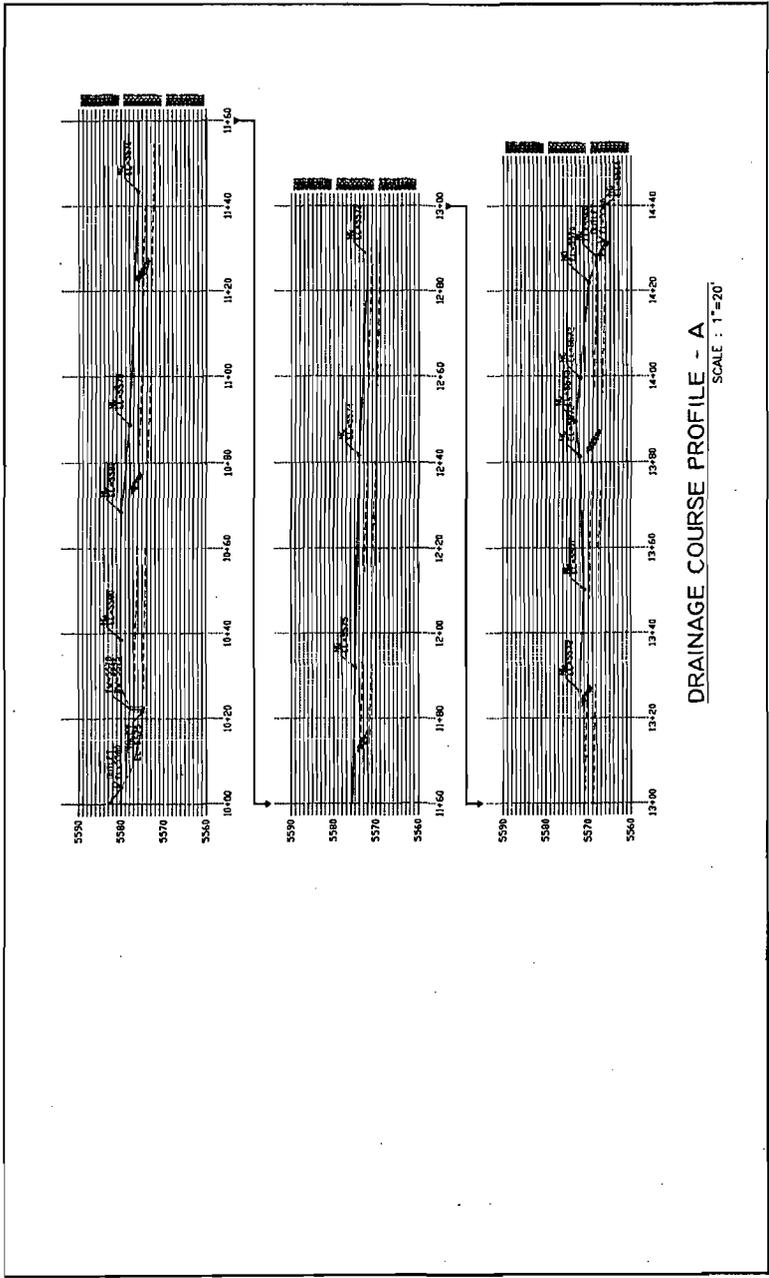
Bryant Bergeson
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Address: 26748 HWY 189, Blue Jay, CA 92317
Mail: P.O. Box 6885 Crestline, CA 92325
E-Mail: bryant@kadtec.com

DATE	11/11/11
PROJECT	DRAINAGE COURSE
SCALE	1"=20'
BY	W. J. BROWN
CHECKED	W. J. BROWN
APPROVED	W. J. BROWN

PROJECT	DRAINAGE COURSE
OWNER	STATE OF TEXAS
DESIGNED BY	W. J. BROWN
CHECKED BY	W. J. BROWN
DATE	11/11/11

PROJECT	DRAINAGE COURSE
OWNER	STATE OF TEXAS
DESIGNED BY	W. J. BROWN
CHECKED BY	W. J. BROWN
DATE	11/11/11

PROJECT	DRAINAGE COURSE
OWNER	STATE OF TEXAS
DESIGNED BY	W. J. BROWN
CHECKED BY	W. J. BROWN
DATE	11/11/11



Jan Zimmerman - Re: FW: Meadowbrook Road

From: Jan Zimmerman
To: Baker, Don - LUS
Date: 3/14/2012 4:41 PM
Subject: Re: FW: Meadowbrook Road
CC: Copeland, Patrice

Don,

Thanks, sorry for duplicating my questions. I just want to verify that no additional lots have been approved for development.

Thanks again.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> "Baker, Don - LUS" <Donald.Baker@lus.sbcounty.gov> 3/14/2012 4:29 PM >>>

Yes here is the email sent previously, the lots 08 and 09 have been approved and are under construction with the 05 lot that was previously approved.

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]
Sent: Wednesday, February 01, 2012 3:25 PM
To: Baker, Don - LUS
Subject: RE: Meadowbrook Road

Thanks Don. I am wondering though, would multiple grading permits for adjacent parcels be considered a larger plan of common development? Does the County depend on the developer to disclose whether or not these projects are related or is it because the construction is in phases the county looks at then separately?

Thanks again.

Jan M. Zimmerman, PG
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Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
Fax: 760/241-7308

jzimmerman@waterboards.ca.gov

>>> "Baker, Don - LUS" <Donald.Baker@lus.sbcounty.gov> 2/1/2012 2:21 PM >>>

Afternoon,

No grading permits have been submitted or approved. One house plan was submitted and approved at this time and it was for APN 0336-134-05. Other plans have been submitted but are in the review process. They are for APN 0336-134-02,03. 02 parcel has two houses that are intended for the site as it is a large enough lot to have two units on it by Development code requirements, this lot is one that has been graded but has not submitted grading plans for the site at this time and requires submittal and approvals prior to any construction.

Two other lots APN 036-131-08,09 have plan submittals also but as of this time are not approved. A total of six houses have been submitted for approval and only one has been approved at this time.

You could contact Daniel Avera at (909) 387-8311 and request that the permit information be sent you if applicable.

*Don Baker, Plans Examiner
Building & Safety Division
Land Use Services Department
County of San Bernardino
(909) 387-4246
dbaker@jUSD.sbcounty.gov*

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]
Sent: Wednesday, February 01, 2012 12:27 PM
To: Baker, Don - LUS
Subject: RE: Meadowbrook Road

Don,
I understand that there are 4 or 5 grading permits that have already been issued to Arimol for this development and 2 or 3 more still in review. Please confirm how many permits have been issued and how many are in review. Also, how can I get a copy of the permits issued to Arimol for this development?

Thanks.

Jan M. Zimmerman, PG

file://C:\Documents and Settings\staff\Local Settings\Temp\XPgrpwise\4F60CA2ERegion... 3/15/2012

Engineering Geologist
Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> "Baker, Don - LUS" <Donald.Baker@lus.sbcounty.gov> 1/28/2012 7:22 AM >>>

thanks

*Don Baker, Plans Examiner
Building & Safety Division
Land Use Services Department
County of San Bernardino
(909) 387-4246
dbaker@lusd.sbcounty.gov*

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]
Sent: Friday, January 27, 2012 4:42 PM
To: mollabolla@yahoo.com
Cc: Jeff Brandt; JGIBSON@dfg.ca.gov; Baker, Don - LUS; Shannon L SPL Pankratz; Patrice Copeland; bryant2662@yahoo.com
Subject: Meadowbrook Road

Mr. Moller,

Today I reinspected your property at 1031 Meadowbrook Road, Crest Park. The intent of the inspection was to document the condition of the site and to determine compliance with our verbal order of 01/20/2012 to install an effective combination of sediment and erosion control best management practices (BMPs) to stabilize the disturbed areas. On 01/20/2012, I specifically requested that BMPs be placed at the inlet and outlet of the newly installed culvert, particularly sediment and erosion control BMPs on the slope opposite the point of discharge from the pipe culvert. At the time of my inspection, the only BMPs observed onsite were staked straw waddles along the southern portion of the site. No BMPs were observed at the inlet and no controls were observed at the outlet. The current condition of this site poses a significant threat to water quality and measures must be taken immediately to stabilize the exposed soils and to prevent unauthorized discharge to waters of the State. We request that you implement an effective combination of erosion and sediment control BMPs to stabilize the entire site by February 3, 2012, or within 24 hours of a forecasted rain event, which ever comes first. Please notify this office via email when BMP installation is complete. Please include a photographic log with your notification to document the implementation.

If you have any questions, please do not hesitate to contact me.

Jan M. Zimmerman, PG

file:///C:/Documents and Settings/staff/Local Settings/Temp/XPgrpwise/4F60CA2ERegion... 3/15/2012

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Lahontan Regional Water Quality Control Board

Phone: 760/241-7376

Fax: 760/241-7308

jzimmerman@waterboards.ca.gov

From: "Baker, Don - LUS" <Donald.Baker@lus.sbcounty.gov>
To: JZimmerman@waterboards.ca.gov
Date: 3/14/2012 5:21 PM
Subject: RE: FW: Meadowbrook Road

No problem,
Will keep you in the loop at any time, when they submit grading plans I will inform you as I expect your conditions for the site to be a part of the submittal along with Fish and Game. Please continue sending any updates on the site like you did they help keep on top of things.

Don

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]
Sent: Wednesday, March 14, 2012 4:41 PM
To: Baker, Don - LUS
Cc: Patrice Copeland
Subject: Re: FW: Meadowbrook Road

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jzimmerman@waterboards.ca.gov<mailto:jzimmerman@waterboards.ca.gov>

Patrice Copeland - Serenity Lodge

From: Jan Zimmerman
To: Kemper, Lauri; Plaziak, Mike
Date: 3/15/2012 8:55 AM
Subject: Serenity Lodge
CC: Copeland, Patrice; Drabandt, Laura

Mike and Lauri,

The abc 7 news report from March 13th is online, go to http://abclocal.go.com/kabc/story?section=news/local/inland_empire&id=8580043.

Jan

Jan Zimmerman - Re: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

From: bryant bergeson <bryant2662@yahoo.com>
To: JBrandt@dfg.ca.gov; bryant2662@yahoo.com
Date: 3/15/2012 9:10 AM
Subject: Re: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA
CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov; mplaziak@waterboards.ca.gov; JZimmerman@waterboards.ca.gov; Shannon.L.Pankratz@usace.army.mil; . . .
Attachments: DSCN0127.JPG; DSCN0132.JPG; DSCN0134.JPG

hey jeff and everyone,
i will lessen the number of pictures i send.
the first picture is the inlet and snow. all is working great
the second picture is for jan showing the BMP at the toe of the small slope we have on the site
the third picture is one of the houses being built that is not on the 1.8 acres and has a permit

we send the hard copies of the plans to Fish and Game. i hope by now you have them. does anyone else want a hard copy?
thanks
Bryant

From: Jeff Brandt <JBrandt@dfg.ca.gov>
To: bryant bergeson <bryant2662@yahoo.com>
Cc: Jeff Brandt <JBrandt@dfg.ca.gov>; Joanna Gibson <JGIBSON@dfg.ca.gov>; Rick Fischer <RFISCHER@dfg.ca.gov>; Christine - LUS Kelly <christine.kelly@lus.sbcounty.gov>; "Donald.Baker@lus.sbcounty.gov" <Donald.Baker@lus.sbcounty.gov>; "Shannon.L.Pankratz@usace.army.mil" <Shannon.L.Pankratz@usace.army.mil>; Jan Zimmerman <JZimmerman@waterboards.ca.gov>; MikePlaziak <mplaziak@waterboards.ca.gov>; Patrice Copeland <PCopeland@waterboards.ca.gov>; "mollabolla@yahoo.com" <mollabolla@yahoo.com>
Sent: Tuesday, March 13, 2012 4:16 PM
Subject: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

Good afternoon Bryant.

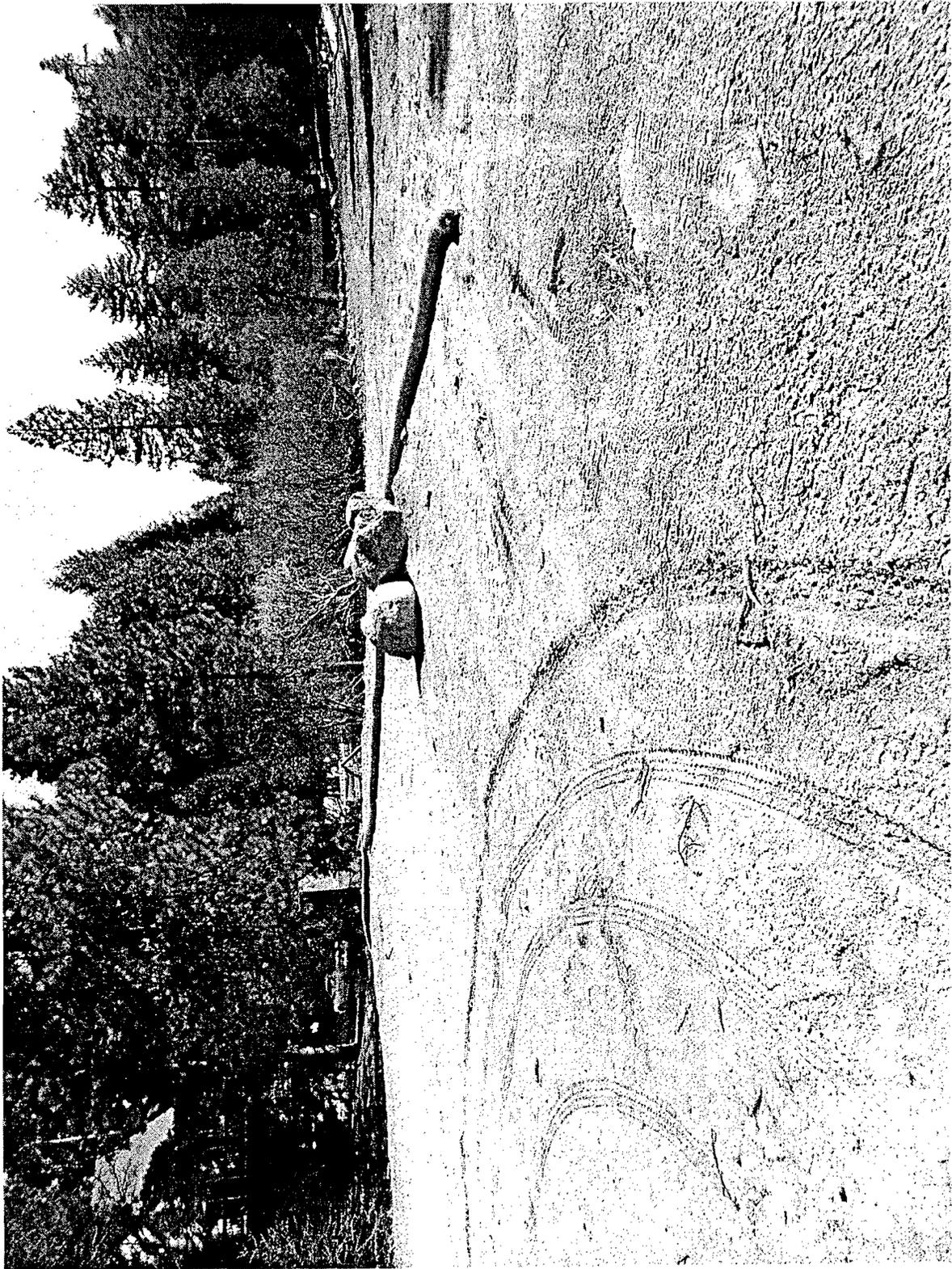
We've received a report of equipment being used onsite. Can you let us know if there is any activity onsite?
thank you, Jeff

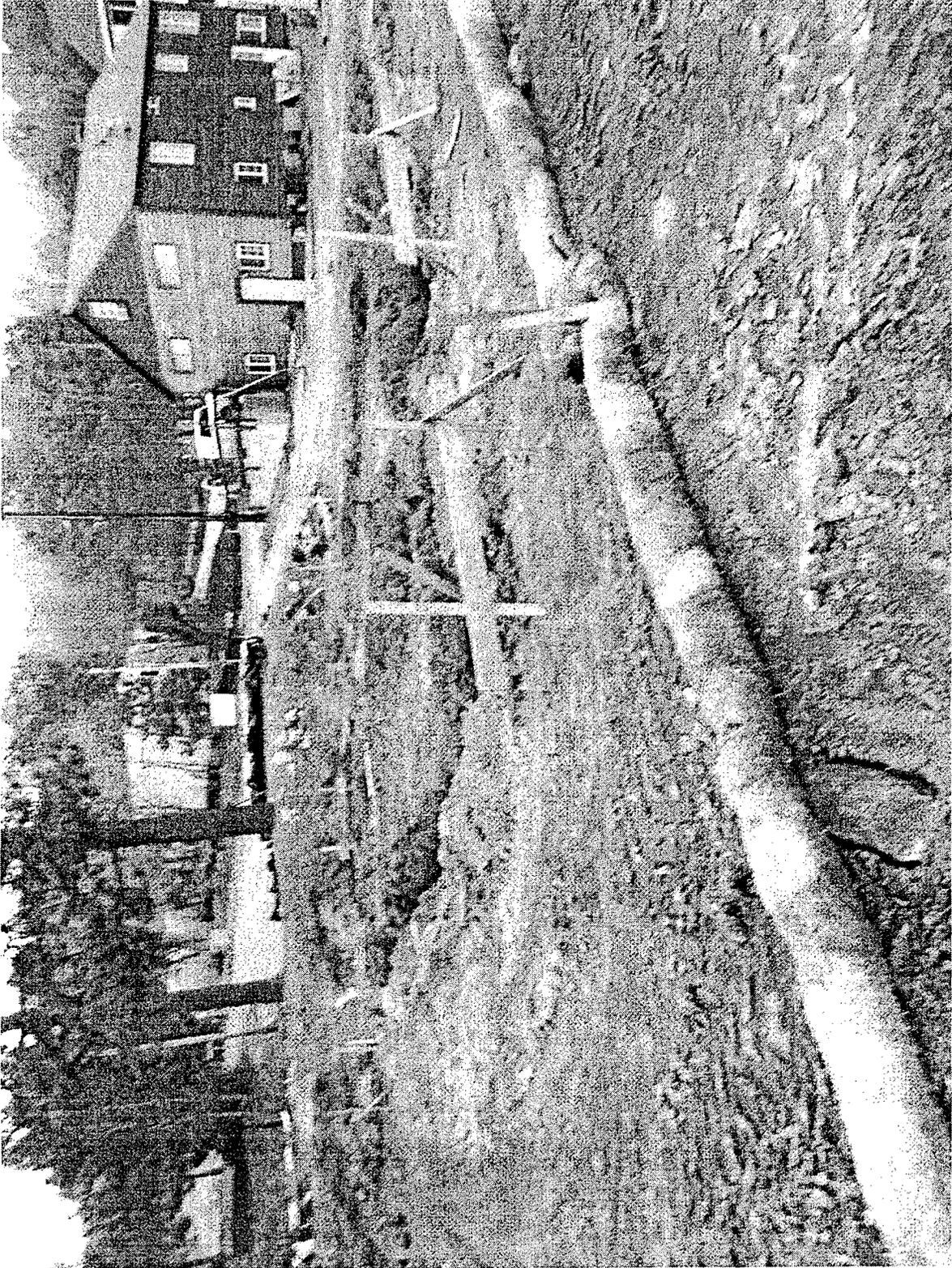
Jeff Brandt
Department of Fish and Game
Habitat Conservation Branch

Inland Deserts Region

3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764
Phone: (909) 987-7161
Fax: (909) 481-2945
Email: JBrandt@dfg.ca.gov







From: Jehiel Cass
To: Plaziak, Mike
CC: Copeland, Patrice; Dellavalle, Mary; Ferguson, Scott; Kemper, Lauri; Zimmerman, Jan
Date: 3/28/2012 6:28 PM
Subject: Serenity Lodge Complaint

Mike - I took a telephone complaint today re: Serenity Lodge, Lake Arrowhead

From: Tami Bayer, 909-337-6042, noserenity@verizon.net

Complaint: There are at least 8 workers onsite constructing house no. 4 at the Serenity site. She understood no further construction is allowed.

Her Question: Are they allowed to build?

My Response: I will forward this appropriately for review.

Jay

Jan Zimmerman - Abatement Order R6V-2012-008

From: <noserenity@verizon.net>
To: jgibson@dfg.ca.gov; JZimmerman@waterboards.ca.gov; PCopeland@waterboards.ca.gov; JCass@waterboards.ca.gov
Date: 3/29/2012 11:12 AM
Subject: Abatement Order R6V-2012-008

I'm writing to inform you that the owners of Serenity in Lake Arrowhead have begun construction on the fourth home on Meadowbrook as 3/28/12. They're building what appears to be a foundation. This is a follow up to my email on 3/15/12 including photos of excavation they completed on the same site. I've attached two photos taken this morning showing the site with workers actively building. It's my understanding from the clean up and abatement order issued on 3/15/12 this building is in violation of those orders. Please take appropriate action.

If you need any further information, photos, or video, please let me know. We are outraged by their blatant disregard for our environment and government authorities.

Tami Bayer
(909)337-6042

From: bryant bergeson <bryant2662@yahoo.com>
To: JBrandt@dfg.ca.gov; JGIBSON@dfg.ca.gov; bryant2662@yahoo.com
Date: 3/29/2012 5:44 PM
Subject: Re: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA
CC: mollabolla@yahoo.com; PCopeland@waterboards.ca.gov; mplaziak@waterboards.ca.gov; JZimmerman@waterboards.ca.gov; Shannon.L.Pankratz@usace.army.mil; . . .
Attachments: Serenity_BMP Plan.pdf

we are done with the plans and have attached the plans to three separate emails. this is the first.
we have some issues and are presenting them here:

STREAM BED NOTES

IN ORDER TO RESTORE THE STREAM BED BACK TO ITS ORIGINAL STATE WE PROPOSE TO DO THE FOLLOWING

BEGIN BACK 10 FOOT FROM THE HEAD WALL AND EXCAVATE THE NEW STREAM BED AS PER OUR PLAN WITH DROP-OFFS, ROCKS, JUTE, AND GROUND COVER ON THE SIDE BANKS AND SEED THE STREAM BED.

WHEN GROWTH BEGINS AND IS ADEQUATELY ESTABLISHED, WE PROPOSE AT THAT TIME TO DIG AWAY THE FRONT 10 FT OF THE STREAM BED THAT IS REMAINING. AND BUILD A WALL OF CONCRETE IN FRONT OF THE 30 INCH CULVERT TO BE USED AS AN ENERGY OVER FLOW SYSTEM SHOULD IT BE NEEDED AT TIMES OF EXTREME WEATHER. OUR TOTAL IMPACT IS ESTIMATED TO INCLUDE 0.5 ACRES OF JURISDICTIONAL AREAS, CONSISTING ENTIRELY OF EPHEMERAL STREAM BED HABITAT.

1.2. TRYCO CONTRACTORS WILL BE THE COMPANY DOING THE MAJORITY OF THE WORK ON THE STREAM BED RESTORATION.

1.3 WE DO HAVE A CONFLICT IN OUR AGREEMENT WITH THE WATER BOARD. WE HAVE ATTACHED OUR CONCERNS ON THE FOLLOWING PAGE.

3.1 WE HAVE INSTALLED BMP'S ALL OVER THE SITE AS PER WATER BOARD AND D.F.G. TO MINIMIZE ALL IMPACTS TO DATE AND HAVE SEEN NO PROBLEMS. WE ALSO REPAIRED AND INSTALLED A NEW 30 INCH C.M.P. WHICH HAS AN EXCELLENT WATER FLOW WHICH HAS BEEN WITNESSED OVER THE LAST FEW MONTHS.

WATER BOARD

IN REVIEWING YOUR CLEAN UP AND ABATEMENT ORDER WE DISAGREE WITH YOUR FINDINGS THAT WE HAVE DISTURBED OVER ONE ACRE.

IN OUR SIGNED STREAM BED ALTERATION AGREEMENT WITH DEPT OF FISH AND GAME DFG, DATED JAN 26, 2012 THEY ACKNOWLEDGE A TOTAL IMPACT IS ESTIMATED AT APPROX 0.5 ACRE

YOU ESTIMATE THE TOTAL DISTURBANCE AT OVER ONE ACRE BY STATING THE SITE IS COMPOSED OF MULTIPLE PARCELS (FIVE TOTAL) AND EACH OF THE FIVE PARCELS ARE BEING DEVELOPED SEPARATELY, WITH SEPARATE BUILDING PERMITS.

THESE FOUR PARCELS ARE NOT CONTIGUOUS TO THE 1.8 ACRE SITE THAT WAS CITED BY DFG WHERE THE STREAM BED RESTORATION IS TAKING PLACE. FURTHER, TWO OF THE PARCELS ARE ACROSS THE STREET FROM THE SITE AND ARE ALSO A DIFFERENT TRACT NUMBER ENTIRELY #3224. THE SITE WITH THE STREAM BED RESTORATION IS KNOWN AS A DISTRICT BOUNDARY TRACT AND THE OTHER TWO PARCELS ARE TRACT NUMBER 3044.

From: Joanna Gibson <JGIBSON@dfg.ca.gov>
To: Jeff Brandt <JBrandt@dfg.ca.gov>; bryant bergeson <bryant2662@yahoo.com>
Cc: "christine.kelly@lus.sbcounty.gov" <christine.kelly@lus.sbcounty.gov>; "Donald.Baker@lus.sbcounty.gov" <Donald.Baker@lus.sbcounty.gov>; "Shannon.L.Pankratz@usace.army.mil" <Shannon.L.Pankratz@usace.army.mil>; "JZimmerman@waterboards.ca.gov" <JZimmerman@waterboards.ca.gov>; "mplaziak@waterboards.ca.gov" <mplaziak@waterboards.ca.gov>; "PCopeland@waterboards.ca.gov" <PCopeland@waterboards.ca.gov>; "mollabolla@yahoo.com" <mollabolla@yahoo.com>
Sent: Tuesday, March 6, 2012 8:39 AM
Subject: 1600-2011-0244-R6 - 1031 Meadowbrook Road, Crest Park,CA

Bryant,

Please submit hard copies of the plot and drainage plans.

Regarding photographs of the BMPs:

1. Please ensure that you are not sending duplicate emails and photographs.
2. Please limit the number of images you are sending and ensure that each image displays pertinent information. For example, of the five images you sent yesterday three depicted the same information, and the additional two images contained no relevant information, other than the site being covered with snow. Of the images you sent, the information could have been conveyed in a total of two images (one of the visible BMPs and the second showing that the site is covered with snow).

Due to email account limitations please ensure that you assess the relevancy of each image that is sent.

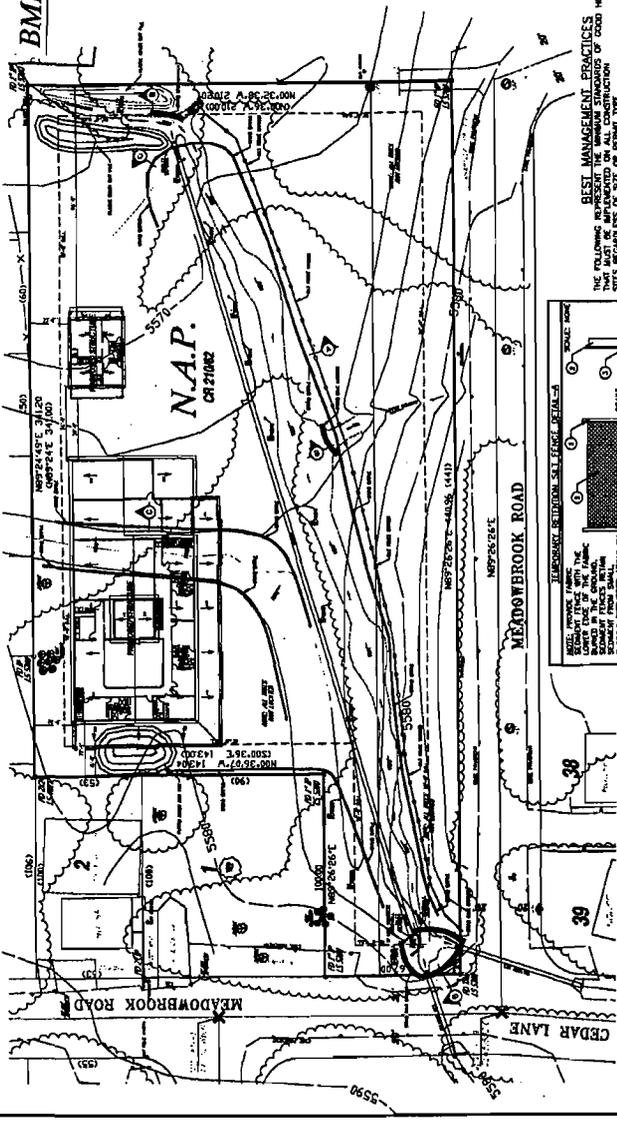
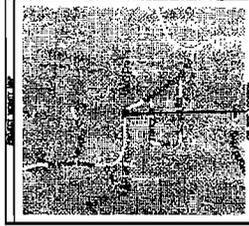
Thank you,
Joanna

Joanna Gibson
Environmental Scientist
CA Department of Fish and Game
Inland Deserts Region
3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764
(909) 987-7449 (voice)
(909) 481-2945 (fax)
jgibson@dfg.ca.gov

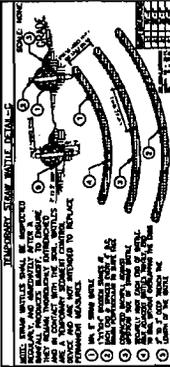
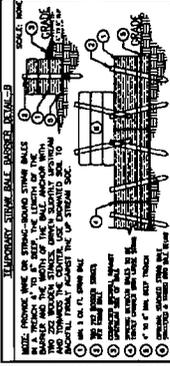
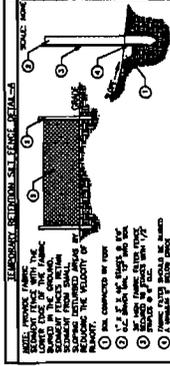
>>> bryant bergeson <bryant2662@yahoo.com> 3/5/2012 4:31 PM >>>
plot and drainage

Bryant Bergeson
Civil Engineer, P.E. 48805
Phone: (909) 336-6970 (ext. 102)
Fax: (909) 337-2211
Address: 26748 HWY 189, Blue Jay, CA 92317
Mail: P.O. Box 6885 Crestline, CA 92325
E-Mail: bryant@kadtec.com

BMP EROSION CONTROL PLAN



- BEST MANAGEMENT PRACTICES**
- THE FOLLOWING REPRESENT THE MINIMUM STANDARDS OF GOOD HOUSEKEEPING TO BE MAINTAINED AT ALL TIMES THROUGHOUT THE CONSTRUCTION PERIOD:
- 1- EXCESS SEDIMENTS AND OTHER POLLUTANTS MUST BE REMOVED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE IN SHEETPILE, SWALE, STROOPLES OR LARVA AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE STORED IN A MANNER THAT PREVENTS THEM FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
 - 2- FUEL OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN APPROVED CONTAINERS AND STORED IN A MANNER THAT PREVENTS THEM FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
 - 3- ALL EXCESS MATERIALS MUST BE IMMEDIATELY REMOVED FROM THE PROJECT SITE.
 - 4- OTHER ACTIVITY SHALL BE CONFINED AT THE PROJECT SITE.
 - 5- ALL OTHER DRAINAGE SYSTEMS PRODUCED SHALL BE MAINTAINED IN CONFORMANCE WITH THE ORIGINAL DESIGN.
 - 6- TRUCKS AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO APPROVED AREAS.
 - 7- SEDIMENTS AND OTHER MATERIALS MAY BE TRANSPORTED FROM THE SITE BY WIND OR WATER. ALL EXCESS MATERIALS MUST BE IMMEDIATELY REMOVED FROM THE PROJECT SITE.
 - 8- ALL EXCESS MATERIALS MUST BE IMMEDIATELY REMOVED FROM THE PROJECT SITE.
 - 9- ALL EXCESS MATERIALS MUST BE IMMEDIATELY REMOVED FROM THE PROJECT SITE.
 - 10- ALL EXCESS MATERIALS MUST BE IMMEDIATELY REMOVED FROM THE PROJECT SITE.



<p>KADTEC KADTEC CONSULTING ENGINEERS 1000 N. 10th Street Ft. Lauderdale, FL 33304 (954) 575-1111 (Fax)</p>	<p>PROJECT: KADTEC CONSULTING ENGINEERS 1000 N. 10th Street Ft. Lauderdale, FL 33304 (954) 575-1111 (Fax)</p>	<p>CONTRACTOR: KADTEC CONSULTING ENGINEERS 1000 N. 10th Street Ft. Lauderdale, FL 33304 (954) 575-1111 (Fax)</p>	<p>DATE: 11/20/2011</p>	<p>SCALE: AS SHOWN</p>	<p>PROJECT: KADTEC CONSULTING ENGINEERS 1000 N. 10th Street Ft. Lauderdale, FL 33304 (954) 575-1111 (Fax)</p>
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From: Mike Plaziak
To: Kemper, Lauri
CC: Copeland, Patrice; Ferguson, Scott; Smith, Kathie; Zimmerman, Jan
Date: 4/4/2012 4:00 PM
Subject: Press Contact Re Serenity Lodge at Lake Arrowhead

Lauri

I had a call from Mike Harris of the Mountain News at Lake Arrowhead today. He is doing a story that will be published on Thursday regarding the status of Serenity Lodge. As you know this is a controversial project for the community due to its being a halfway house for drug dependency patients. Mike wanted to know how Mr Moller's status of compliance with our CAO. I informed him that Mr. Moller has not as of today filed for a general construction stormwater permit with the State Board. That is the only requirement that is outstanding. I also let him know of our inspection and meeting with Mr Moller yesterday at the site. I did not discuss any future enforcement plans for Mr Moller.

/r

Mike

Mike Plaziak,
Supervising Engineering Geologist, PG
South Lahontan Watersheds Division
California Regional Water Quality Control Board, Lahontan Region
Victorville Branch Office
14440 Civic Dr., Suite 200
Victorville, CA 92392
(760) 241-7325
(760) 553-6839 (blackberry)
(760) 241-7308 (fax)
email: mplaziak@waterboards.ca.gov

From: Mike Plaziak
To: Patrice Copeland; Scott Ferguson
CC: Cass, Jehiel; Curtis, Chuck; Jan Zimmerman; Laura Drabandt; Lauri Kemper; jbrandt@dfg.ca.gov; jgibson@dfg.ca.gov
Date: 4/4/2012 3:33 PM
Subject: Fwd: Re: Re: Re: Abatement Order R6V-2012-008

All

Patrice, Jan and I met with Bill Moller and his engineer at the "Serenity" construction site in Lake Arrowhead yesterday. My focus was to get Moller implement effective stormwater BMPs immediately in case there are any further precip this season AND let him know that his failure to file for a general stormwater construction permit is racking up the penalties for every day he remains out of compliance. Moller claims his project is under an acre and therefore does not require a permit. He indicated that he intends to petition the CAO. To that point I answered that he pursue if he likes, however, he still has to comply with the CAO and his best move would be to aggressively obtain permit coverage and aggressively implement BMPs. This level of activity would be considered in the final penalty calculus.

It was apparent that Moller's engineer is not savvy in stormwater issues or stormwater BMPs. Straw waddles appeared in some cases to be placed butt to butt without overlap and the engineer had created a chut with straw waddle to funnel stormwater flows into the creek.

We walked the site and observed that the stream/creek is in fact now in a culvert pipe from one end of the property to the other. Moreover, Moller has put two springs into a small diameter pipe as well. Any wetland areas that received the flow from the springs and creek have been grubbed with the exception of a sliver of willows along the property boundary.

Bottom line:

1. Poor BMP implementation at the site. Staff provided constructive criticisms to improve. However, this is not the first time staff has provided Moller with guidance and I expect we will continue to see a minimalist approach from Moller. Moller did claim he would apply for a stormwater permit following our meeting. I wont take him at his word.
2. Damage to wetlands appears to be mostly complete. There are very few areas that have not been disturbed by the grading, grubbing and site preparation. We will need to look closely on Moller's wetland restoration plan when that comes in to us on April 26th. I suspect it will be wholly inadequate particularly if same engineer is involved.
3. There is little benefit at this late juncture in pursuing a stop work order or injunction on future construction activities as the main damage to the stream and springs and wetlands has been done. I fear we have lost the opportunity to prevent further damage to the wetlands. However, we can still prevent any future stormwater discharges to the creek by pursuing an ACL for failure to file for a general stormwater construction permit. This will likely gain his undivided attention.
4. Stream and spring restoration efforts will likely require removal of culvert and pipes. These efforts can probably be conducted without affecting building construction activities.

Recommendation

1. Expedite issuance of an ACL to Moller for failure to apply for a general stormwater construction permit.
2. Conduct followup inspection next week to evaluate BMPs and implementation of SWPPP as required by the CAO by 13 April.

/r
Mike

Mike Plaziak,
Supervising Engineering Geologist, PG
South Lahontan Watersheds Division
California Regional Water Quality Control Board, Lahontan Region

Victorville Branch Office
14440 Civic Dr., Suite 200
Victorville, CA 92392
(760) 241-7325
(760) 553-6839 (blackberry)
(760) 241-7308 (fax)
email: mplaziak@waterboards.ca.gov

>>> Patrice Copeland 4/4/2012 2:28 PM >>>

Possibly. The current foundation is very close to the creek (within about 30 feet) and one of the springs (6 - 8 ft), if memory serves. I don't believe we have this measured.

Patrice

Patrice J. Copeland, PG
Senior Engineering Geologist
Lahontan Regional Water Quality Control Board
14440 Civic Drive, Suite 200
Victorville, CA 92392-2306
Direct: 760.241.7404
Fax: 760.241.7308
Blackberry: 760.713.1380
pcopeland@waterboards.ca.gov

>>> Scott Ferguson 4/2/2012 12:35 PM >>>

Patrice,

Does the location of the home construction affect the Discharger's ability to restore the creek or the springs?

Scott C. Ferguson, Chief
Enforcement and Special Projects Unit
Lahontan Regional Water Quality Control Board
530-542-5432
Sferguson@waterboards.ca.gov

>>> Patrice Copeland 3/29/2012 1:39 PM >>>

Here are photos taken at Serenity Lodge today, 3/29/12, showing on-going construction work at the site (home building, not creek restoration). Patrice

Patrice J. Copeland, PG
Senior Engineering Geologist
Lahontan Regional Water Quality Control Board
14440 Civic Drive, Suite 200
Victorville, CA 92392-2306
Direct: 760.241.7404
Fax: 760.241.7308
Blackberry: 760.713.1380
pcopeland@waterboards.ca.gov

>>> <noserenity@verizon.net> 3/29/2012 1:34 PM >>>

I put them into a pdf file that I'm attempting to attach. Sorry for the delay.

Tami

On 03/29/12, Patrice Copeland<PCopeland@waterboards.ca.gov> wrote:

not yet - please keep trying. Patrice

>>> <noserenity@verizon.net> 3/29/2012 12:27 PM >>>

I'm so sorry, my computer is giving me fits with attachments today. Please let me know if they come through this time.

Tami Bayer

On 03/29/12, Patrice Copeland<PCopeland@waterboards.ca.gov> wrote:

Tami - forgot to attach the photos! Thankx, Patrice

Patrice J. Copeland, PG
Senior Engineering Geologist
Lahontan Regional Water Quality Control Board
14440 Civic Drive, Suite 200
Victorville, CA 92392-2306
Direct: 760.241.7404
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pcopeland@waterboards.ca.gov

>>> <noserenity@verizon.net> 3/29/2012 11:11 AM >>>

I'm writing to inform you that the owners of Serenity in Lake Arrowhead have begun construction on the fourth home on Meadowbrook as 3/28/12. They're building what appears to be a foundation. This is a follow up to my email on 3/15/12 including photos of excavation they completed on the same site. I've attached two photos taken this morning showing the site with workers actively building. It's my understanding from the clean up and abatement order issued on 3/15/12 this building is in violation of those orders. Please take appropriate action.

If you need any further information, photos, or video, please let me know. We are outraged by their blatant disregard for our environment and government authorities.

Tami Bayer
(909)337-6042

Patrice Copeland - Re: Press Contact Re Serenity Lodge at Lake Arrowhead

From: Jan Zimmerman
To: Kemper, Lauri; Plaziak, Mike
Date: 4/5/2012 4:08 PM
Subject: Re: Press Contact Re Serenity Lodge at Lake Arrowhead
CC: Copeland, Patrice; Drabandt, Laura; Ferguson, Scott

And the second article regarding the cleanup and abatement order can be found here http://www.mountain-news.com/news/article_15174ac8-7f3b-11e1-9d45-0019bb2963f4.html.

Jan

>>> Jan Zimmerman 4/5/2012 3:54 PM >>>
Lauri and Mike,

The article has been published in the Mountain News. Go to http://www.mountain-news.com/news/article_dc6ff838-7ead-11e1-ab60-001a4bcf887a.html?mode=story.

Jan

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> Mike Plaziak 4/4/2012 4:00 PM >>>

Lauri
I had a call from Mike Harris of the Mountain News at Lake Arrowhead today. He is doing a story that will be published on Thursday regarding the status of Serenity Lodge. As you know this is a controversial project for the community due to its being a halfway house for drug dependency patients. Mike wanted to know how Mr Moller's status of compliance with our CAO. I informed him that Mr. Moller has not as of today filed for a general construction stormwater permit with the State Board. That is the only requirement that is outstanding. I also let him know of our inspection and meeting with Mr Moller yesterday at the site. I did not discuss any future enforcement plans for Mr Moller.

/r

Mike

Mike Plaziak,
Supervising Engineering Geologist, PG
South Lahontan Watersheds Division
California Regional Water Quality Control Board, Lahontan Region
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(760) 241-7325
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email: mplaziak@waterboards.ca.gov

Patrice Copeland - Serenity and sober living facilities

From: Jan Zimmerman
To: Copeland, Patrice; Plaziak, Mike
Date: 4/10/2012 1:28 PM
Subject: Serenity and sober living facilities
CC: Drabandt, Laura; Ferguson, Scott; Kemper, Lauri

Mike and Patrice,

The County is considering a temporary ban on sober-living facilities as sparked by a new development in Lake Arrowhead. See the article at <http://www.vvdailypress.com/news/facilities-33867-living-ban.html>. Though no specific names are mentioned, I can only assume that the County is reacting to the Serenity Lodge property in Crest Park.

Jan

From: Mike Plaziak
To: Copeland, Patrice; Zimmerman, Jan
CC: Drabandt, Laura; Ferguson, Scott; Kemper, Lauri
Date: 4/11/2012 4:29 PM
Subject: Re: Serenity and sober living facilities

Jan

Finally plugging a loop hole with a rag... I understand you are going up on Friday to pay an inspection. Let us know how the site faired through the storm of Wednesday-Thursday of this week.

/r

Mike

Mike Plaziak,
Supervising Engineering Geologist, PG
South Lahontan Watersheds Division
California Regional Water Quality Control Board, Lahontan Region
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Jan

From: Patrice Copeland
To: Plaziak, Mike
Date: 4/11/2012 4:49 PM
Subject: Re: Serenity and sober living facilities

County passed the moratorium yesterday. But it's weird, as the article states "Specifically, the moratorium prohibits new sober living facilities of any size and alcohol or drug treatment facilities with seven or more people in the same building or in multiple buildings at the same facility under the same control." And Moller specified his facility/home would have SIX (6) beds....so did they really plug the loop hole??? Link to article below.

<http://www.vvdailynews.com/news/imposes-33886-living-moratorium.html>

>>> Mike Plaziak 4/11/2012 4:29 PM >>>

Jan

Finally plugging a loop hole with a rag... I understand you are going up on Friday to pay an inspection. Let us know how the site faired through the storm of Wednesday-Thursday of this week.

/r

Mike

Mike Plaziak,
Supervising Engineering Geologist, PG
South Lahontan Watersheds Division
California Regional Water Quality Control Board, Lahontan Region
Victorville Branch Office
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>>> Jan Zimmerman 4/10/2012 1:28 PM >>>

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Jan

Storm Water Pollution Prevention Plan

For:

1031-A Meadowbrook Road

Client:

**ARIMOL GROUP, INC
PO BOX 2895
LAKE ARROWHEAD, CA 92352
WILLIAM MOLLER, PROJECT MANAGER
(424) 634-2331**

PROJECT SITE LOCATION/ADDRESS:

**1031-A MEADOWBROOK ROAD
CREST PARK, CA 92326**

SWPPP PREPARED BY:



**M O N T G O M E R Y
& A S S O C I A T E S . I N C .**

**7311 Greenhaven Drive, Suite 207
SACRAMENTO, CA 95831
(916) 476-4903
GERALD R. MONTGOMERY
PRINCIPAL, CPESC, CESSWI, QSD/QSP, TRAINER OF RECORD**

SWPPP AMENDMENT PREPARATION DATE:

4/13/2012

WDID NUMBER: 6B36C363433

Jan Zimmerman - Re: Serenity, Crest Park - BMPs (April 10, 2012)

From: Jan Zimmerman
To: Mollabolla@yahoo.com; Montgomery, Gerald
Date: 4/13/2012 11:48 AM
Subject: Re: Serenity, Crest Park - BMPs (April 10, 2012)
CC: Beltran, Jorge; Copeland, Patrice; Plaziak, Mike; bergeson, bryant

Jerry,

Thank you for the email. We will accept an electronic copy of the SWPPP to meet today's deadline for submittal. However, require that Mr. Moller submit a hard copy of the SWPPP on Monday April 16, 2012 to our office in Victorville. Once the SWPPP is complete, a signed copy must be onsite at all times for reference to site personnel and for review by Water Board staff should it be requested. As for the other required technical reports and submittals as outlined in the Cleanup and Abatement Order, a complete and signed electronic copy of the document is fine, but any and all electronic copies must be followed by a hard copy of the same document the following business day.

In addition, please advise Mr. Moller of the requirements of the Construction General Permit, including Rain Event Action Plans and inspections prior to, during, and after storm events, as appropriate for the Risk Level 2 sites.

If you have any questions please do not hesitate to contact us.

Thank you.

Jan M. Zimmerman, PG
 Engineering Geologist
 Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
 Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> Gerald Montgomery <gerald@montgomery-assoc.com> 4/12/2012 7:26 PM >>>
 Hey Jan,

Just to clarify your question about the start of the NOI; my staff errantly started the NOI under Nevada Irrigation District and it is being moved over to Arimol now that they have an account set up. The NOI will be applied for tomorrow morning (we are completing the SWPPP now) and will get the fee amount and personally deliver a check for the WDID to the State Water Board in Sacramento tomorrow. Once we have received that WDID#, we will notify you via email.

As for the SWPPP; do you want us to send it to you in PDF via yousendit.com? Also, Jorge Beltran, PE, QSD/QSP with our office will be on site next Thursday, April 19 in the morning to review the implementation of the SWPPP we have developed and provide guidance, if any, to the client on proper and complete implementation. Mr. Beltran will then develop the technical report, per Item 4 of the Clean Up and Abatement Order and deliver this report via email on April 20, 2012. Mr. Beltran will also deliver a hard-copy of the SWPPP at that time, however, Mr. Moller and his team can certainly print one and have it on site prior to that date as well.

If you have any questions, please do not hesitate to contact me. Thanks.

QCB REG 6 4/88

REC'D	RECEIVED APR 19 2012
PC	
JL.	
FILE	

April 13, 2012

Ms. Lauri Kemper
 Assistant Executive Officer
 California Regional Quality Control Board - Lahontan Region
 14440 Civic Drive, Suite 200
 Victorville, CA 92392

RE: CLEANUP AND ABATEMENT ORDER NO. R6V-2012-0008

Ms. Kemper:

Per the above order, Arimol Group, Inc. has retained Montgomery & Associates, Inc. to develop a Storm Water Pollution Prevention Plan (SWPPP) and obtain coverage under the Construction General Permit via SMARTS today. Montgomery & Associates, Inc. were on site for a field visit on Tuesday, April 10, 2012, and assure us the SWPPP will be uploaded in SMARTS today and the NOI will be processed at the State Water Resources Control Board later today.

Montgomery & Associates, Inc. has also been retained as the QSD/QSP for compliance activities, including inspections, REAPs, sampling, annual reporting, etc. Montgomery & Associates, Inc. will be on site on Thursday, April 19, 2012 to review the SWPPP implementation and forward the technical report to you by April 20, 2012 per the above Order.

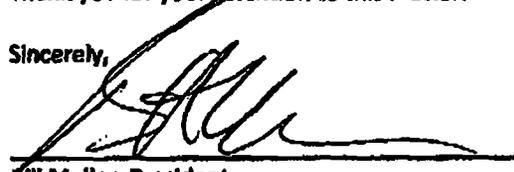
I do wish to note that I still do not agree with the determination that this is "common development". The permits are issued separately and there are different ownerships of some parcels. Should it be determined coverage was not necessary for some, or all, of these projects, I intend to terminate coverage at that time. It is my opinion that the disturbance is less than one acre.

These actions outlined above suffica Order items 1-4.

We have Montgomery & Associates, Inc. selecting a sub-consultant to handle items 5-9, and we request a meeting or conference call next week to discuss a reasonable schedule to understand and complete these tasks. Please contact me directly to schedule the meeting or conference call.

Thank you for your attention to this matter.

Sincerely,



Bill Moller, President
 Arimol Group, Inc.

Jan Zimmerman - Re: Pict 1

From: Jan Zimmerman
To: Moller, Bill
Date: 4/16/2012 10:11 AM
Subject: Re: Pict 1
CC: Copeland, Patrice

Mr. Moller,

Thank you for the photographs. Due to the snow, I am rescheduling my inspection until Friday April 20th. I plan on being onsite around 11 am. I will be looking at BMPs and checking to see that they are installed correctly and in accordance with the SWPPP. I would hope that someone would be available to walk with me around the site and discuss any concerns or comments that we may have.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Water Quality Control Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> Bill Moller <mollacorp@aol.com> 4/16/2012 9:01 AM >>>



April 20, 2012

Lauri Kemper, Assistant Executive Officer
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
Lahontan Region
14440 Civic Drive, Suite 220
Victorville, CA 92392

**RE: 1031 MEADOWBROOK ROAD PROJECT
CLEANUP AND ABATEMENT ORDER NO. R6V-2012-0008**

Dear Ms. Kemper:

The purpose of this letter is to provide responses to the items listed under Order #5 in the above referenced Cleanup and Abatement Order. Each item listed under this Order is provided below in bold, followed by a response in plain text. Items required to fulfill the remaining Order requirements will be submitted under separate cover.

5. **By April 20, 2012, the Discharger shall submit a technical report that describes the development plan for the Site and that describes, illustrates, and quantifies all land disturbance activities that have occurred since the Discharger acquired the Site in 2011, including those disturbances to drainages, springs, and other surface waters, as well as those proposed in the overall, larger, development plan for the Serenity Lodge Expansion Project. The report shall include, but not be limited to, the following:**
 - a. **A scaled site plan illustrating the location and extent of all waters of the state (surface waters) on the Site, both prior to installation of the pipe culvert and after installation of the pipe culvert. The scaled site plan shall also identify the extent and types of vegetation associated with those surface waters prior to and following installation of the pipe culvert.**

Due to current site conditions and a lack of verifiable historic imagery, the approximate location and morphology of the original streambed is outlined based on information provided by the Permittee. See attached **Project Location Map (Figure 1)** and **Location of Historic Streambed Map (Figure 2)**. Historic vegetation within the onsite ephemeral drainage was described as riparian scrub dominated by willow (*Salix* sp.) along the eastern third of the stream reach, and wet meadow along the remainder.

Details of the existing location of the culvert and proposed streambed restoration plans are identified on the attached **Stream Bed Grading Plan (Grading)** and **Habitat Restoration Plan (Restoration)**.

2729 Prospect Park Drive, Suite 220 • Rancho Cordova, CA 95670 • P: (916) 361-8384 • F: (916) 361-1574

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b. **A full, technically accurate description of the development plan for the site and associated environmental impacts to date, both temporary and permanent, including impacts to areas outside of the surface waters. The description shall include, but not be limited to, the following:**

i. **Locations and dimension of existing and proposed structures or fill within waters of the State such as culverts, gabions, rock-slope protection/rip-rap, wing walls, dikes, cofferdams, and excavations.**

Please see attached Grading, Restoration, and **BMP Erosion Control** plans.

ii. **Direct or indirect changes in streambed slope, cross-sectional dimension or area, vegetation, and/or surfacing.**

During the initial site activities the Permittee installed a 30" corrugated metal pipe in an existing ephemeral streambed. The approximate length and morphology of the stream was described as 4'Dx15'Wx421'L, which resulted in 8400 cubic yards of fill impact to 0.145 acre ephemeral streambed.

iii. **Changes in drainage patterns and potential impacts to on-site and downstream surface waters.**

The installation of the pipe within a historic ephemeral drainage resulted in an alteration to the natural hydrologic patterns through channelization of surface water flow across the property. In order to offset any impacts to onsite and offsite surface waters that could result from the permanent alteration of the onsite drainage patterns, the Permittee is proposing to restore the original streambed.

Details regarding the proposed streambed recontouring and restoration can be found on the attached Grading and Restoration plans. The existing culvert will remain in place to accommodate overflow during extreme high water events.

iv. **The location and dimensions of all associated access roads, work staging areas, and related infrastructure.**

Please see plans attached.

v. **Temporary or permanent dewatering or water diversions.**

Initial site activities resulted in the permanent diversion of water in an ephemeral drainage via a 30" metal corrugated pipe. The location of this pipe is identified on the attached Grading and Restoration plans. Upon completion of the streambed restoration activities, surface water will be directed back into the restored streambed. An overflow pond will be created adjacent to the culvert inlet to capture surface water for the purpose of directing water through the culvert during high volume storm events.

- vi. **Pre- and post-construction storm water management and pollution control measures; and construction methods, schedule and phasing plan. Maps, figures, and engineered drawings should be included, as appropriate.**

Details regarding the pre- and post-construction stormwater management and pollution control measures, construction methods, schedule, and phasing plan can be found in the SWPPP submitted to the Board on April 1, 2012.

Sincerely,

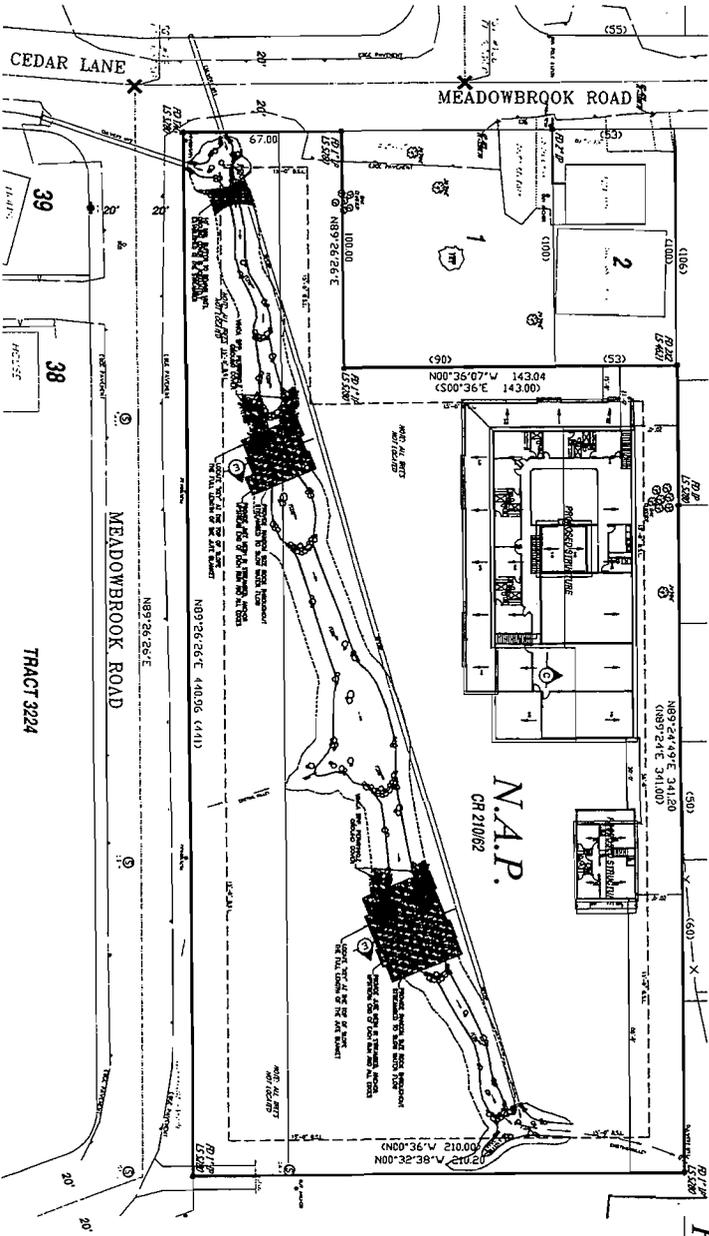


Summer Pardo
Associate Biologist

JH:SP:JH

Enclosures/Attachments

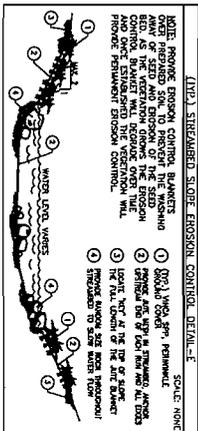
Figure 1: Project Location
Figure 2: Location of Historic Streambed
Stream Bed Restoration Plan
Habitat Restoration Plan
BMP Erosion Control Plan



TRACT 3224

N.A.P.
CR 210/62

HABITAT RESTORATION PLAN



NOTE: BEFORE FIELD CONSTRUCTION, BARRIERS MUST BE INSTALLED TO PREVENT THE WINDING RIVER OR SEED AND EROSION OF THE SEEDS FROM OCCURRING. BARRIERS MUST BE INSTALLED TO PREVENT SEEDS FROM RECEIVING OVER-TILLAGE FROM FRESHWATER DISCHARGE CONTROL.

SCALE: 1"=20'

1. 20% SLOPE PROTECTION PERMANENT

2. 10% SLOPE PROTECTION PERMANENT

3. 5% SLOPE PROTECTION PERMANENT

4. 2% SLOPE PROTECTION PERMANENT

5. 1% SLOPE PROTECTION PERMANENT

6. 0% SLOPE PROTECTION PERMANENT

7. 10% SLOPE PROTECTION PERMANENT

OWNER'S STATEMENT

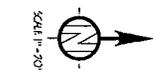
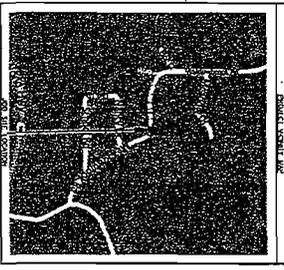
I, the undersigned, hereby certify that the information furnished herein is true and correct to the best of my knowledge and belief.

[Signature]

OWNER'S SIGNATURE

GENERAL DESCRIPTION

THIS PROJECT IS A HABITAT RESTORATION PROJECT FOR THE MEADOWBROOK ROAD TRACT 3224, TRACT 3224, PARCELS 1 AND 2, MEADOWBROOK ROAD, LAKE ARROWHEAD, CALIFORNIA. THE PROJECT IS A HABITAT RESTORATION PROJECT FOR THE MEADOWBROOK ROAD TRACT 3224, TRACT 3224, PARCELS 1 AND 2, MEADOWBROOK ROAD, LAKE ARROWHEAD, CALIFORNIA.



<p>PROJECT: Name: NEW RESIDENCE Address: 1031-A MEADOWBROOK ROAD City: CREST PARK, CA 92326 CONTRACT NO.: 1031-A CONTR. PHONE: -</p>	<p>OWNER: Name: ARHOL GROUP INC. Address: P.O. BOX 2895 City: LAKE ARROWHEAD, CA 92352 PHONE: (424) 834-2331 E-MAIL: malcorp@aol.com</p>	<p>KADTEC DRAFTING & DESIGN SUITE 107 26700 HIGHWAY 109 LAKE ARROWHEAD, CA 92317 (805) 334-8970 (1002) (805) 337-2211 (FAX)</p>	<p>Bryant R. Bergeson CONSULTING ENGINEER (REG. 48605) P.O. BOX 4885 CRESTLINE, CA 92325</p>	<table border="1"> <tr><th>NO.</th><th>DATE</th><th>REVISION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	NO.	DATE	REVISION									
NO.	DATE	REVISION														

#6

Jan Zimmerman - Restoration Plan - Arimol Group, Inc. - 1031 Meadowbrook Road, Crest Park, CA

From: Summer Pardo <spardo@PMCWorld.com>
To: <jzimmerman@waterboards.ca.gov>, <lkemper@waterboards.ca.gov>, <jgibson@dfg.ca.gov>, <shannon.l.pankratz@usace.army.mil>
Date: 4/26/2012 4:44 PM
Subject: Restoration Plan - Arimol Group, Inc. - 1031 Meadowbrook Road, Crest Park, CA
CC: Joyce Hunting <jhunting@PMCWorld.com>, <mollabolla@yahoo.com>, <gerald@montgomery-assoc.com>, <bryant2662@yahoo.com>
Attachments: Moller-Streambed-Restoration-Plan-042612.pdf

Please find the attached the Restoration Plan from PMC regarding the Arimol Group, Inc. project in San Bernardino County.

This report, satisfies Order #6 of WQB Cleanup and Abatement Order No. R6V-2012-0008, and Measure 3.2 of DFG Streambed Alteration Agreement Notification No. 1600-2011-0244-R6.

If you have any questions, please do not hesitate to contact me.

Thank you,
Summer Pardo
Associate Biologist
PMC
2729 Prospect Park Drive, Suite 220
Rancho Cordova, CA 95670
o: (916) 517-4496
f: (916) 361-1574
c: (916) 589-0794

PMC[®]



Streambed Restoration Plan for Effected Waters of the US on the 1031 Meadowbrook Road Project

Project Description

During the initial site activities the Permittee installed a 30" corrugated metal pipe in an existing ephemeral streambed. The approximate length and morphology of the stream was described as 4'Dx15'Wx421'L, which resulted in 8400 cubic yards of fill impact to 0.145 acre ephemeral streambed.

Due to current site conditions and a lack of verifiable historic imagery, the approximate location and morphology of the original streambed is outlined based on information provided by the Permittee. See attached **Project Location Map (Figure 1)** and **Location of Historic Streambed Map (Figure 2)**. Historic vegetation within the onsite ephemeral drainage was described as riparian scrub dominated by willow (*Salix* sp.) along the eastern third of the stream reach, and wet meadow along the remainder.

The installation of the pipe within an ephemeral drainage resulted in alterations to the natural hydrologic patterns through channelization of surface water flow across the property. In order to offset any impacts to onsite and offsite surface waters that could result from the alteration of the onsite drainage patterns, the Permittee is proposing to restore the original streambed.

Details regarding the proposed streambed recontouring and restoration can be found on the attached **Stream Bed Grading Plan**. To ensure that the onsite restoration activities do not result in any adverse impacts to water quality, the BMP's will be installed per the SWPPP dated April 13, 2012, as submitted to the California Regional Water Quality Control Board (Board). The **BMP Erosion Control Plan** has been included for your reference.

Restoration Plan

The purpose of this Restoration Plan is to outline the processes required to restore the functional value of the impacted ephemeral drainage per the requirements outlined under Order #6 of Board Cleanup and Abatement Order No. R6V-2012-0008, and Measure 3.2 of California Department of Fish and Game (DFG) Streambed Alteration Agreement 1600-2011-0244-R6. Per the requirements of these permits, impacts to jurisdictional areas will be restored to pre-project conditions.

Order #6 of the Board Cleanup and Abatement Order requires the removal of the pipe culvert and headwall that were installed, as well as the restoration of the two (2) diverted springs located on the western portion of the property. This Restoration Plan does not incorporate the removal of the culvert and headwall per U.S. Army Corps of Engineer regulatory staff from the Los Angeles District (Pers. Comm. Shannon Pankratz). The culvert will remain for the sole purpose of capturing and moving any surface water overflow from the restored streambed during high volume storm events. Additionally, the culverts associated with the two (2) springs were not installed for the purpose of diverting water. Old culverts associated with the springs were removed and replaced to maintain the existing site hydrology; therefore, the removal of these culverts is not proposed as part of this restoration plan.

Approximately 0.145 acre of jurisdictional waters were impacted as a result of previous site activities (Table 1 and Figure 2). The western portion of the ephemeral drainage was characterized by wet meadow vegetation, while the eastern portion of the system was characterized by willow. The entire restoration corridor will be hydro seeded per the specifications below. In addition, willow cuttings will be used to revegetate the western third of the streambed. Whip cuttings will be taken from the onsite population of willows, installed to a depth at or near the water table, on 4' centers, along the alluvial fringe.

Table 1 - Summary of Impacts to Jurisdictional Waters

Type of Impact	Impact Acreage
Riparian Scrub	0.04
Wet Meadow	0.11
Total	0.15

Disturbed soil surfaces that result from the streambed restoration activities will be hydroseeded to prevent erosion and facilitate revegetation. Prior to hydro-seeding the following steps will be taken.

- Remove all construction debris and stockpiled materials.
- Regrade area to a contour that would improve restoration potential of the site.
- Rough soil to accept hydroseed application.
- Hydroseed the restoration area.

TABLE 2 - HYDROSEED MIX SPECIES ASSEMBLAGES

Upland Seed Mix			
Accepted Taxon	Vernacular Name	PLS* Ft2	Percent PLS
<i>Bromus carinatus</i>	California Brome	13	91.66
<i>Elymus glaucus glaucus</i>	Blue Wildrye	15	80.61
<i>Hordeum brachyantherum californicum</i>	Barley	23	68.19
<i>Koeleria macrantha</i>	Junegrass	13	25
<i>Melica imperfecta</i>	Melic	7	61.8
<i>Nassella pulchra</i>	Purple Needlegrass	14	75.27
Wetland Seed Mix			
Accepted Taxon	Vernacular Name	PLS Ft2	Percent PLS
<i>Baccharis pilularis</i>	Chaparral Broom	2	2.52
<i>Carex barbarae</i>	Santa Barbara Sedge	8	64
<i>Juncus balticus</i>	Baltic Rush	22	63
<i>Juncus bufonius</i>	Toad Rush	83	72
<i>Juncus mexicanus</i>	Mexican Rush	37	64
<i>Leymus triticoides</i>	Beardless Wildrye	14	84.8

*PLS: Pure Live Seed
Reference: CalTrans transPLANT seed specifications 6 and 17

The areas requiring hydroseeding will be determined and delineated by the project engineer at or near the completion of the work. Hydroseeding shall occur after construction has ended in a given area.

Monitoring

Monitoring of restored habitat and the construction zone will take place for five (5) calendar years, or until 80% cover of native vegetation is documented in two (2) successive years, whichever occurs first. During each monitoring event a qualitative analysis of the vegetative composition within the restoration area will be conducted, and photo documentation of the existing site conditions will be taken. Annual monitoring reports will outline the previous and current year's site conditions; maintenance activities that are proposed or occurred, if any; along with the previous and current year's photo documentation. A baseline monitoring report will be submitted to the Board and DFG within 30 days of the completion of the restoration activities. All subsequent monitoring reports will be submitted one year from the date on the baseline report.

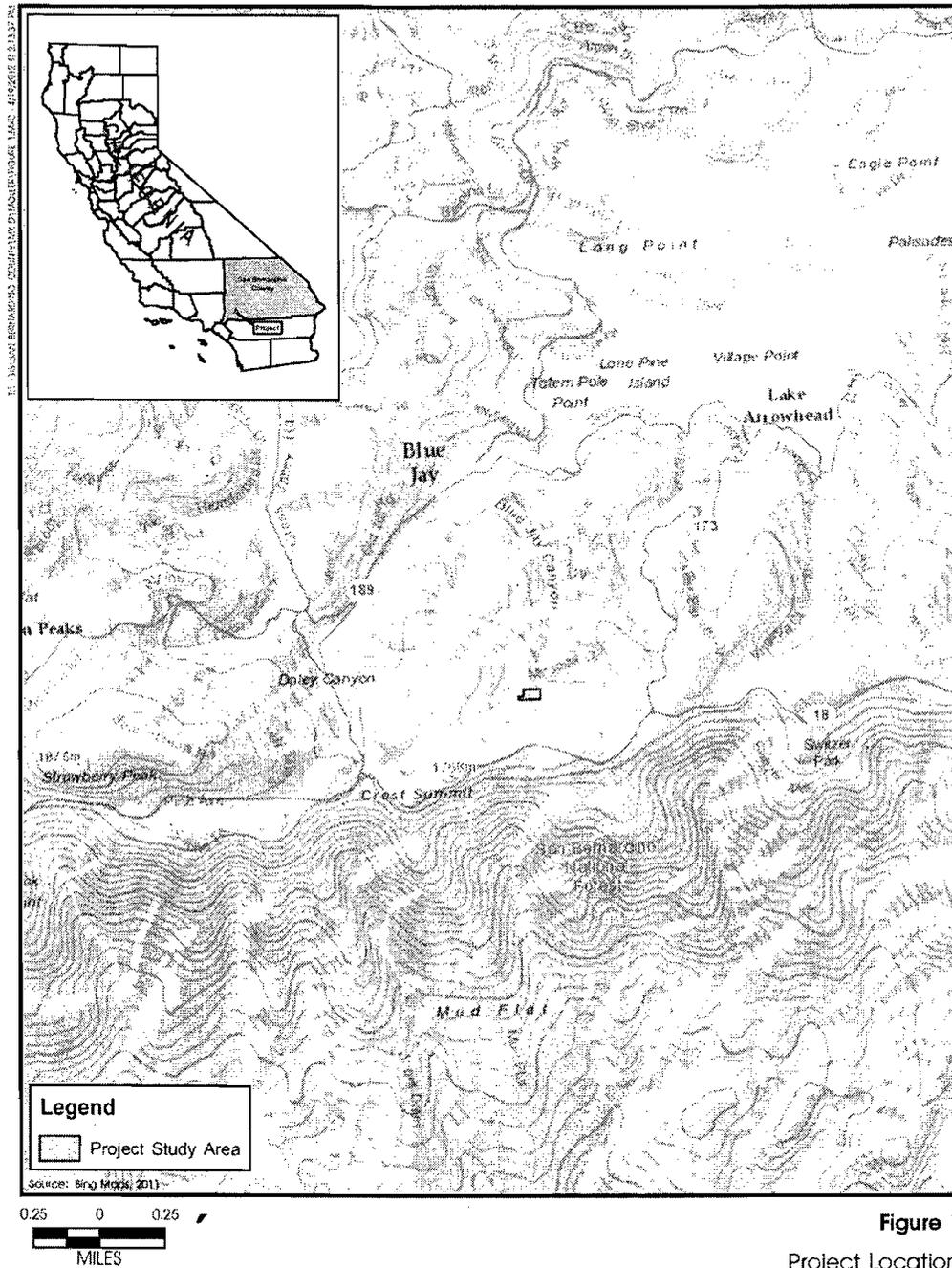
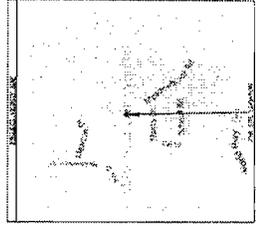
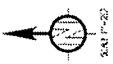
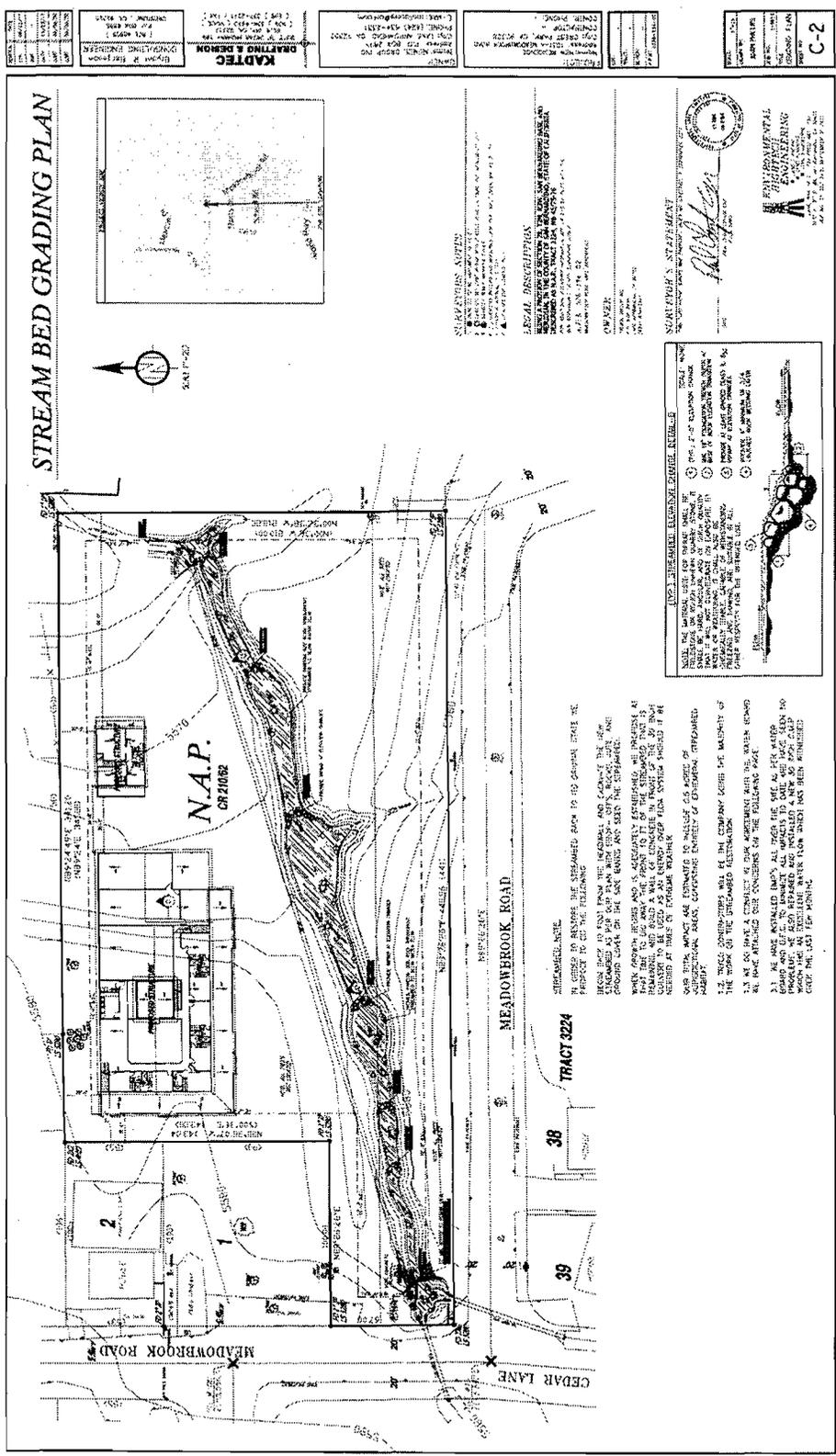




Figure 2
Location of Historic Streambed

STREAM BED GRADING PLAN



NOTICE TO CONTRACTOR

THIS STREAM BED GRADING PLAN IS A PRELIMINARY DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DATA AND CONDITIONS SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

W
 WATSON ENGINEERING
 1000 S. 10th Street, Suite 100
 Lincoln, NE 68502
 (402) 441-1111

DISCLAIMER:

IN ORDER TO REPAIR THE STREAMBED FROM TO THE GRADING, THE FOLLOWING WORK SHALL BE REQUIRED:

1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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10. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

KATDEC
 DRAFTING & DESIGN
 1000 S. 10th Street, Suite 100
 Lincoln, NE 68502
 (402) 441-1111

PROJECT INFORMATION

PROJECT NO. 2024-001
 SHEET NO. C-2

DATE
 10/20/2024

SCALE
 1"=20'

PROJECT LOCATION
 MEADOWBROOK ROAD, CEDAR LANE, TRACT 3224

COMPLAINT/SPILL NOTIFICATION REPORT FORM

to BLB

County: <u>San Bernardino</u>		Rec'd by: <u>JMB</u>		Initials	Date	
WDID or project file name: <u>Arimol Group, 6B36C363433</u>		Sv. Eng. Geologist / Officer in Charge		<u>PJC</u>	<u>5/31/12</u>	
Notes: <u>Residences would like to see development stopped; discharger is recalcitrant w/regard to CAO; concerned the discharger will not comply w/requirements of CAO</u>		Sr. Eng		<u>PJC</u>	<u>5/31/12</u>	
		Assign to:		<u>JMZ</u>		
		Sr. Eng				
		Sv. Eng. Geologist				
Complaint or spill reported by: <u>Don Fisher, Chair Person</u>		Complainant's Agency: <u>Sierra Club</u>				
Discharger/Responsible Party: <u>Bill Moller, Arimol Group</u>		Complainant's phone:				
Complainant Mailing address:		Complainant's Fax:				
		Complainant's email (optional):				
Date reported: <u>5/31/12</u>	Time reported: <u>1:00PM</u>	Received by: <u>JMB</u>				
Spill date: <u>ongoing</u>	Spill time:	Assigned to:				
Hazardous Release? <input type="checkbox"/> Yes <input type="checkbox"/> No	Prop 65 notified? <input type="checkbox"/> Yes <input type="checkbox"/> No	Who notified prop 65?:	Date Prop 65 notified:	Regulated facility? <input type="checkbox"/> Yes <input type="checkbox"/> No	Violation? <input type="checkbox"/> Yes <input type="checkbox"/> No	CIWQS Violation #
Facility Name: <u>Serenity Lodge, Arimol Group</u>						
Location; Address or description of where spill is located		City: <u>Crest Park, Lake Arrowhead</u>				
Lat: Long: - Datum: Coordinate System: Method:						
Rate or Volume:		Substance released:				
Description of spill event		<u>discharger continues construction w/one structure near completion w/in 30-feet of creek; concrete pad/foundation work in meadow area in central portion of site completed w/in last week</u>				
Discharge to surface water, ground (ground water), or impervious surface?:		Name of Surface water:				
Samples collected? <input type="checkbox"/>		Photos? <input type="checkbox"/>		Photo info:		
Disinfection Details						
Other Agencies notified?						
Status of repair, correction, and cleanup		<u>water board</u>				
Recommended Action:		<u>no inspect site; provide copy of comments on technical reports</u>				
Complainant notified of findings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Date notified: <u>5/31/12</u>				
NPDES spill report due in 5 days <input type="checkbox"/> Yes <input type="checkbox"/> No		Date NPDES report due:		Date received:		
Report of other spills due in 10 days <input type="checkbox"/> Yes <input type="checkbox"/> No		Date 10 working day report due:		Date received:		
Date(s) follow-up reports submitted:						
Date Action Complete:		Spill DB ID #				

Patrice Copeland - Complaint Letter Received - Arimol Group

From: Jan Zimmerman
To: Kemper, Lauri; Kouyoumdjian, Patty
Date: 5/24/2012 5:06 PM
Subject: Complaint Letter Received - Arimol Group
CC: Copeland, Patrice; Ferguson, Scott; Plaziak, Mike
Attachments: Arimol_SOFA05212012001.pdf

Patty and Lauri,

Please see the attached complaint letter that we received regarding the Arimol properties in Lake Arrowhead. Patrice recommends that we respond to the letter to let them know that we are still actively working on this case. We want to be sensitive to not jeopardize any future enforcement actions.

With respect to the CAO, we have received the deliverables as required (to date) and I am preparing comments for two of those documents now. Neither of those documents provide the information required/outlined in our CAO. In addition, as of my last inspection on 04/20/2012, Mr. Moller still had not implemented an effective combination of sediment and erosion control BMPs at the site, though better than before, and some of those BMPs remained incorrectly installed.

Has the enforcement committee determined whether or not an ACL will be prepared? Patrice has instructed me to outline the CAO violations so that it can be presented to the enforcement committee.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Board

Phone: 760/241-7376
Fax: 760/241-7308
jjzimmerman@waterboards.ca.gov



CRWQCB REGS 5/96

REC'D	RECEIVED MAY 23 2012
12.	5/25/2012 JWW
FILE	10336C310344

Save Our Forest Association, Inc.

21 May 2012

Post Office Box 126 • Rim Forest, California 92378

Ms. Jan Zimmerman
Lahontan Regional Water Quality Control Board
14440 Civic Drive, Suite 200
Victorville, CA 92392

Ref: Arimol Group Abatement Order R6V-2012-0008, 1031 Meadowbrook Road,
Lake Arrowhead, CA

Dear Ms. Zimmerman,

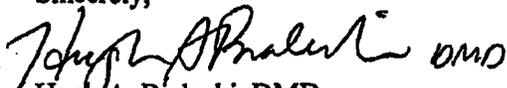
The Save Our Forest Association, Inc. (SOFA), is appalled at the wanton disregard of the abatement order that has been demonstrated by Mr. Moller of the Arimol Group. There seems to be no one person or government entity taking responsibility for the environmental damage being wrought in our community by someone following a profit-driven enterprise.

The SOFA Board of Directors, along with members of our local chapter of the Sierra Club and the San Bernardino Valley Audubon Society, have seen the bulldozing of a perennial streambed and riparian habitat at the above property. We have been in contact with the San Bernardino County Board of Supervisors and are frustrated with an overall limited response to the outrageous actions by Mr. Moller.

Similar activities locally have taken place only a few miles away at the Eagle Ridge at Arrowhead LP property (Admin Civil Liability Complaint No. R6V-2008-001) just a few years ago. That property ended up in a \$11 million foreclosure and partial bank sale as construction site run-off contaminated Grass Valley Creek and Lake for two successive winters. We trust that your agency will respond in the strongest possible fashion to prevent the destruction of additional rare and precious riparian habitat here in the San Bernardino Mountains and force out-of-control developers to obey the law.

Thank you for your ongoing review of this project and notification to SOFA of actions taken by the Lahontan Regional Water Quality Control Board.

Sincerely,


Hugh A. Bialecki, DMD
President, Save Our Forest Association

cc: Mr. Scott Ferguson, Chief
Enforcement and Special Projects Unit

Jan Zimmerman - Re: Arimol Group, Crest Park - Water Board Inspection 06/07/2012

From: Mollacorp <mollacorp@aol.com>
To: jorge@montgomery-assoc.com; JZimmerman@waterboards.ca.gov
Date: 6/14/2012 11:58 AM
Subject: Re: Arimol Group, Crest Park - Water Board Inspection 06/07/2012

Ms Zimmerman

We completed items 1-2-3 on your list on Tuesday. As to number 8 we did a repair with 4 inch pipe when a truck backed over the old 12 corrugated rusted pipe. I ordered a new piece of 12 inch corrugated 8 ft long when it is delivered and we install I will take a picture and send to you. Thx. Bill

On Jun 11, 2012, at 5:06 PM, Jan Zimmerman <JZimmerman@waterboards.ca.gov> wrote:

Mr. Moller,

This email is a summary of the items discussed with Mr. Gomes during our inspection of your site in Crest Park on 06/07/2012.

1. Straw waddle and silt fencing BMPs were observed to be in need of maintenance. Perform BMP inspections and provide maintenance, as outlined in the SWPPP.
2. The portable toilet did not have adequate secondary containment. Install adequate containment per specifications in the SWPPP.
3. Hydraulic oils and asphalt emulsion stored on the southern portion of the site were observed to be partially used and stored directly on the soil. No secondary containment was observed. Hazardous materials need to be provided adequate containment per the specifications outlined in the SWPPP.
4. The plastic sheeting used as slope protection in the eastern portion of the site is showing signs of deterioration. The sheeting should be replaced with some other materials (i.e. jute matting) before the plastic is deteriorated to the point that it becomes a nuisance. Your QSD should be able to provide you with acceptable alternatives.
5. Debris on the site should be centralized and containment BMPs provided until such time that the waste can be hauled offsite.
6. A copy of the SWPPP was available onsite. The SWPPP contained copies of inspection reports. We would like you to also include with the SWPPP documentation or copies of SWPPP training records (sign in sheets would be acceptable). It is important that site personnel be trained in SWPPP procedures.
7. A copy of our Cleanup and Abatement Order should be kept onsite and made available to Water Board staff for review.
8. The corrugated metal pipe at the point of discharge for the south spring, which is located at the end of the asphalt driveway on the west side of the site, appears to have been replaced with white plastic pipe and moved to a point further downgradient from the original point of discharge. The replacement of this pipe and moving of the point of discharge is a new impact that was not authorized by the Water Board.

Items 1, 2, and 3 need to be addressed immediately. Please provide an explanation for the apparent new impacts to the spring as described in item 8 by June 15, 2012.

This email will be followed by written notification of the items listed above. If you have any questions, please do not hesitate to contact me.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Board

Phone: 760/241-7376

Fax: 760/241-7308

jjzimmerman@waterboards.ca.gov

**Jan Zimmerman - Re: Arimol Group, Crest Park - Water Board Inspection
06/07/2012**

From: Jan Zimmerman
To: Beltran, Jorge; Mollacorp
Date: 6/18/2012 11:01 AM
Subject: Re: Arimol Group, Crest Park - Water Board Inspection 06/07/2012
CC: Copeland, Patrice; Don - LUS Baker; Ferguson, Scott; Pankratz, Shannon L SPL; Plaziak, Mike; jgibson@dfg.ca.gov

Mr. Moller,

Thank you for the email response. We are discussing internally with management the replacement of the corrugated metal pipe culvert with the new white PVC pipe. At this point, do not remove the white PVC piping until you have received prior Water Board authorization to work in the spring. As a reminder, you are not authorized to perform any future or planned work in the onsite creeks and springs until you have received prior Water Board approval. As always, it is your responsibility to contact other State, federal and local agencies, and obtain all other authorizations, as necessary, prior to work in surface waters.

If you have any questions, please let me know.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Board

Phone: 760/241-7376
Fax: 760/241-7308
zimmerman@waterboards.ca.gov

>>> Mollacorp <mollacorp@aol.com> 6/14/2012 11:57 AM >>>
Ms Zimmerman

We completed items 1-2-3 on your list on Tuesday. As to number 8 we did a repair with 4 inch pipe when a truck backed over the old 12 corrugated rusted pipe. I ordered a new piece of 12 inch corrugated 8 ft long when it is delivered and we install I will take a picture and send to you. Thx. Bill

On Jun 11, 2012, at 5:06 PM, Jan Zimmerman <JZimmerman@waterboards.ca.gov> wrote:

Mr. Moller,

This email is a summary of the items discussed with Mr. Gomes during our inspection of your site in Crest Park on 06/07/2012.

1. Straw waddle and silt fencing BMPs were observed to be in need of maintenance. Perform BMP inspections and provide maintenance, as outlined in the SWPPP.
2. The portable toilet did not have adequate secondary containment. Install adequate containment per specifications in the SWPPP.
3. Hydraulic oils and asphalt emulsion stored on the southern portion of the site were observed to be partially used and stored directly on the soil. No secondary containment was observed. Hazardous materials need to be provided adequate containment per the specifications

outlined in the SWPPP.

4. The plastic sheeting used as slope protection in the eastern portion of the site is showing signs of deterioration. The sheeting should be replaced with some other materials (i.e. jute matting) before the plastic is deteriorated to the point that it becomes a nuisance. Your QSD should be able to provide you with acceptable alternatives.

5. Debris on the site should be centralized and containment BMPs provided until such time that the waste can be hauled offsite.

6. A copy of the SWPPP was available onsite. The SWPPP contained copies of inspection reports. We would like you to also include with the SWPPP documentation or copies of SWPPP training records (sign in sheets would be acceptable). It is important that site personnel be trained in SWPPP procedures.

7. A copy of our Cleanup and Abatement Order should be kept onsite and made available to Water Board staff for review.

8. The corrugated metal pipe at the point of discharge for the south spring, which is located at the end of the asphalt driveway on the west side of the site, appears to have been replaced with white plastic pipe and moved to a point further downgradient from the original point of discharge. The replacement of this pipe and moving of the point of discharge is a new impact that was not authorized by the Water Board.

Items 1, 2, and 3 need to be addressed immediately. Please provide an explanation for the apparent new impacts to the spring as described in item 8 by June 15, 2012.

This email will be followed by written notification of the items listed above. If you have any questions, please do not hesitate to contact me.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Board

Phone: 760/241-7376
Fax: 760/241-7308
jjzimmerman@waterboards.ca.gov



011360

CRWQCB REG6	
REC'D	
JZ	160244-R6 (JZ)
	JUN 25 2012
FILE	

160260C363433

June 15, 2012

Joanna Gibson
CALIFORNIA DEPARTMENT OF FISH AND GAME
Inland Deserts Region
3602 Inland Empire Blvd., suite C-220
Ontario, CA 91764

**RE: INCOMPLETE NOTIFICATION OF LAKE OR STREAMBED ALTERATION
NOTIFICATION NO.: 1600-2011-0050-R6**

Dear Ms. Gibson:

The purpose of this letter is to provide responses to the items listed in your email dated May 11, 2012 containing the above referenced subject heading. Each item listed in the email is provided below in bold, followed by a response in plain text.

- 1. As stated on site during our site visit on January 20, 2012, and in Measure 3.1 of Agreement 1600-2011-0244-R6, the Department requested that you identify the TOTAL project impacts incurred to date, as well as those proposed in the OVERALL, LARGER, PROJECT SCOPE. Notification 1600-2012-0050-R6 only identifies impacts to APN: 0336-13-402. During our site visit on January 20, 2012, staff from the Department and Lahontan Regional Water Quality Control Board observed direct impacts to two springs to the west of APN: 0336-13-402. Staff asked that you fully identify and disclose impacts to the springs, and to any other jurisdictional areas within your larger, project scope, including potential impacts to the west of the project site (west of Meadowbrook Road). Please provide this information as soon as possible.**

Please see the Kadtec Stream Bed Grading Plan, enclosed, for details regarding historical extent and location of jurisdictional waters on and adjacent to the property.

2729 Prospect Park Drive, Suite 220 • Rancho Cordova, CA 95670 • P: (916) 361-8384 • F: (916) 361-1574

www.pmcworld.com • (866) 828-6PMC

- 2. The Department does not concur with the historic streambed alignment depicted in Figure 2. Please conduct a thorough analysis of all available historic and recent aerial photography to map the pre-impact location of the streambed, associated riparian vegetation, and the associated meadow. Please also ensure that the springs to the west of APN: 0036-013-402 are mapped, and any other jurisdictional areas west of the project site, and west of Meadowbrook Road, are mapped.**

Please see the Kadtec Stream Bed Grading Plan, enclosed, for details regarding historical extent and location of jurisdictional waters on and adjacent to the property.

- 3. Once the revised mapping is complete, please provide updated impact acreages to riparian vegetation, and riparian meadow habitats. The Department does not concur with the impact acreage to riparian habitat/riparian scrub and riparian meadow/wet meadow identified in the Notification, and in the Streambed Restoration Plan. Please note that acreage values also differ between these two documents.**

Please see the Kadtec Stream Bed Grading Plan, enclosed, for quantification of impacts to jurisdictional areas.

- 4. Page 1 of the Restoration Plan states: "This Restoration Plan does not incorporate the removal of the culvert and headwall per U.S. Army Corps of Engineer regulatory staff from the Los Angeles District..." Please also provide copies of your current 404 application, and all written correspondence with Ms. Pankratz that authorized the installation of the culvert and headwall; or written correspondence that authorizes that the culvert and headwall shall remain in place.**

Please see revised Restoration Plan enclosed.

- 5. Please provide photographic documentation supporting your statement on page 1 of the Restoration Plan that "Old culverts associated with the springs were removed and replaced to maintain the existing site hydrology..." Please conduct an analysis of historic and recent aerial photography to support your statement. Please provide the Department with copies of this analysis.**

Please see Habitat Mitigation and Monitoring Plan (HMMP) enclosed.

Joanna Gibson
June 15, 2012
Page 3

6. Please provide a revised native seed and plant palette mix for the restoration site. Please ensure that only native species indicative of this local area and appropriate to the elevation of the site are proposed.

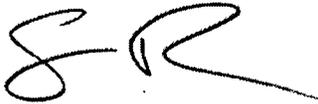
Please see HMMP enclosed.

7. Please note that in addition to the minimum of five years of monitoring of the restoration site, the Department will also require that the mitigation site meets specific success criteria, and that it be protected, and preserved and managed in perpetuity. These criteria shall be outlined in a Habitat Mitigation and Monitoring Plan (HMMP), submitted by the Permittee, and shall be a requirement of the new Streambed Alteration Agreement.

Please see HMMP enclosed.

Please do not hesitate to contact me at (916) 517-4496 or spardo@pmcworld.com with any questions regarding the information contained herein.

Sincerely,



Summer Pardo
Associate Biologist

SLP:sp:jf

Cc: Joyce Hunting
Bryant Bergeson
Bill Moler

Habitat Mitigation and Monitoring Plan for Effected Jurisdictional Waters 1031 Meadow Brook Road Project

Project Description

The project site comprises one parcel (APN: 0336-13-402), and encompasses approximately 1.8 acres. The site is located at 1031 Meadow Brook Road, Lake Arrowhead, California. Additionally, the project is located within the San Bernardino National Forest, approximately 1.25 miles south of Lake Arrowhead, west of State Road 173, and north of Rim of the World Highway (**Figure 1**).

During the initial site activities the permittee installed a 30" corrugated metal pipe in an existing ephemeral streambed. The approximate location and morphology of the original streambed is outlined based on information provided by the permittee. Please see attached **Stream Bed Grading Plan** for details regarding the historic extent and location of jurisdictional waters. Based on these data, the ephemeral stream is estimated at 0.5 acre. The vegetation within the onsite ephemeral drainage was described as riparian scrub dominated by willow (*Salix* sp.) along the eastern third of the stream reach, and wet meadow along the remainder.

The installation of the pipe within an ephemeral drainage resulted in alterations to the natural hydrologic patterns through channelization of surface water flow across the property. In order to offset any impacts to onsite and offsite surface waters that resulted from the alteration of the onsite drainage patterns, the permittee is proposing to restore the ephemeral streambed to its original condition.

Restoration Plan

The purpose of this Habitat Mitigation and Monitoring Plan (HMMP) is to outline the processes required to restore the functional value of the impacted ephemeral drainage per the requirements outlined under Order #6 of California Regional Water Quality Control Board (Board) Cleanup and Abatement Order No. R6V-2012-0008, and Measure 3.2 of California Department of Fish and Game (DFG) Streambed Alteration Agreement 1600-2011-0244-R6. Per the requirements of these permits, impacts to jurisdictional areas will be restored to pre-project conditions.

Approximately 0.5 acre of jurisdictional waters was impacted as a result of previous site activities; therefore, 0.5 acre of ephemeral stream shall be restored. Details regarding the proposed streambed recontouring and restoration can be found on the attached **Stream Bed Grading Plan**. The western portion of the ephemeral drainage was characterized by wet meadow vegetation, while the eastern portion of the system was characterized by willow. The entire restoration corridor will be either hydroseeded or planted utilizing a mixture of native plant species listed below, as available from local sources. In addition, willow cuttings will be used to revegetate the western third of the streambed. Whip cuttings will be taken from the onsite population of willows, installed to a depth at or near the water table, on 4' centers, along the alluvial fringe.

Disturbed soil surfaces that result from the restoration activities will be planted/hydroseeded to prevent erosion and facilitate revegetation. Prior to planting/hydroseeding the following steps will be taken.

- Remove all construction debris and stockpiled materials.
- Regrade area to a contour that would improve restoration potential of the site.
- Rough soil to accept hydroseed application and/or plant installation.
- Hydroseed and/or plant the restoration area.

TABLE 2 – SPECIES ASSEMBLAGES

Accepted Taxon	Vernacular Name
<i>Bromus carinatus</i>	California Brome
<i>Elymus glaucus glaucus</i>	Blue Wildrye
<i>Hordeum brachyantherum californicum</i>	Barley
<i>Koeleria macrantha</i>	Junegrass
<i>Melica imperfecta</i>	Melic
<i>Nassella pulchra</i>	Purple Needlegrass
<i>Baccharis pilularis</i>	Chaparral Broom
<i>Carex barbarae</i>	Santa Barbara Sedge
<i>Juncus balticus</i>	Baltic Rush
<i>Juncus bufonius</i>	Toad Rush
<i>Juncus mexicanus</i>	Mexican Rush
<i>Leymus triticoides</i>	Beardless Wildrye
<i>Eriogonum spp.</i>	Buckwheat
<i>Lupinus spp.</i>	Lupine
<i>Artemisia spp.</i>	Sagebrush
<i>Chrysothamnus spp.</i>	Rabbitbrush

The areas requiring hydroseeding/planting will be determined and delineated by the project engineer at or near the completion of the work. Hydroseeding and/or planting shall occur after construction has ended in a given area.

To ensure that the onsite restoration activities do not result in any adverse impacts to water quality, the BMPs will be installed per the SWPPP dated April 13, 2012, as submitted to the Board. The BMP Erosion Control Plan has also been included as a quick reference.

Maintenance

Short-term Maintenance Activities (First Five Years)

The ephemeral stream will be inspected annually for species on the California Invasive Plant Council (Cal-IPC) list of invasive plants. If invasive species are identified, the permittee, or subsequent responsible party, will cooperate with state and federal agencies in order to develop appropriate eradication efforts.

All hydroseeded and/or planted areas will be inspected annually. If plant survival and/or vegetative cover are not progressing toward success criteria, additional planting/hydroseeding will occur. However, time for natural recruitment and recolonization should be allowed prior to initiating remedial planting activities.

During the initial establishment period, erosion control measures will be installed and maintained to ensure excessive erosion and sedimentation does not occur. These measures will be instituted in accordance with the April 13, 2012 **SWPPP** and **BMP Erosion Control Plan** (attached); however, inspections and repairs may be necessary and shall be rectified as soon as problems are identified.

Long-term Maintenance Activities

As the vegetation matures and natural recruitment initiates, the ephemeral stream will likely become more resistant to invasion by invasive plants. Regular inspections of the site by the permittee, subsequent responsible parties, or their designated contractor will likely identify plants that fall under the Cal-IPC listings. These parties will cooperate with state and federal agency representatives to develop appropriate eradication efforts.

Monitoring

Success Criteria

The restoration of the ephemeral stream will be deemed successful when the following success criteria are achieved:

- No topographic degradation such as excessive erosion or sedimentation occurs.
- The percent cover of native vegetation within the restoration area achieves 60-80%.
- The functions of the ephemeral drainage are not impaired by exotic/invasive species.
- The primary channel of the stream is inundated at a depth, duration, and frequency sufficient to support the planned ephemeral stream habitat type.

Monitoring Methods

Monitoring of restored habitat will take place for five (5) consecutive calendar years, or until final success criteria are achieved. Vegetative cover and hydrology will be monitored by a qualified wetland biologist with experience in mitigation monitoring.

During each monitoring event a qualitative analysis of percent cover of native vegetation across the entire restoration area will be conducted, and photo documentation of the existing site conditions will be taken. Due to the flashy, episodic nature of ephemeral streams in the region, indicators of Ordinary High Water can be unreliable. In order to ensure the system is functioning properly, data will be collected during the annual monitoring regarding the presence and location of indicators associated with the active floodplain. Data regarding indicators of active floodplain will be collected per the U.S. Army Corps of Engineers' *A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the United States* (August 2008).

Reporting

Monitoring reports will be submitted to document restoration progress and determine if the mitigation success criteria have been met. Reports will be submitted on an annual basis and will outline the previous and current year's site conditions; maintenance activities that are proposed or have occurred, if any, along with the current year's photo documentation. A baseline monitoring report will be submitted to the Board and DFG within 30 days of the completion of the restoration activities. All subsequent monitoring reports will be submitted one year from the date on the baseline report.

Completion of Mitigation

Mitigation activities shall be considered complete when the success criteria outlined above are met. Upon achievement of the success criteria, the permittee or subsequent responsible party will notify the state and federal agencies in writing. Following receipt of this notification the agencies may arrange a site visit to confirm fulfillment of the mitigation requirements.

T:\GIS\San_Bernardino_County\WATER\WADLER\FIGURE 1.MXD - 4/19/2012 @ 2:13:37 PM

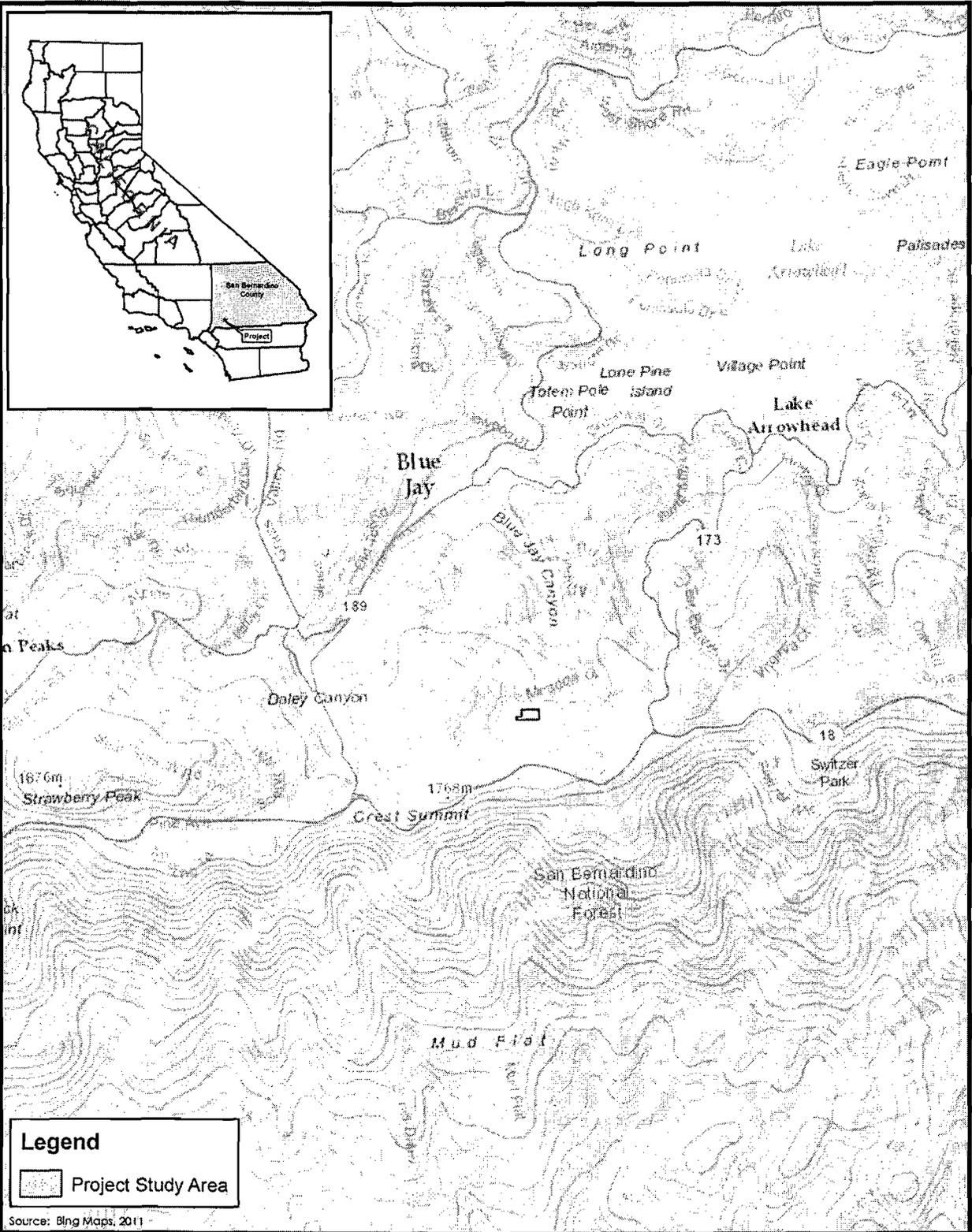


Figure 1
Project Location

Jan Zimmerman - RE: FW: 1600-2012-0050-R6 - New Residences at 1031 Meadowbrook Road

From: Summer Pardo <spardo@PMCWorld.com>
To: JZimmerman@waterboards.ca.gov
Date: 6/20/2012 2:08 PM
Subject: RE: FW: 1600-2012-0050-R6 - New Residences at 1031 Meadowbrook Road
CC: PCopeland@waterboards.ca.gov; MPlaziak@waterboards.ca.gov

Will do. It will go out either today or tomorrow.

From: Jan Zimmerman [mailto:JZimmerman@waterboards.ca.gov]
Sent: Wednesday, June 20, 2012 1:51 PM
To: Summer Pardo
Cc: Mike Plaziak; Patrice Copeland
Subject: Fwd: FW: 1600-2012-0050-R6 - New Residences at 1031 Meadowbrook Road

Summer,

Please send us a hard copy of the information provided in the hyperlink below.

Lahontan Regional Water Quality Control Board
14440 Civic Drive, Suite 200
Victorville, CA 92392

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> Summer Pardo <spardo@PMCWorld.com> 6/20/2012 1:40 PM >>>
For your records. Additional information provided to DFG.

Thank you,
Summer

From: spardo@pmcworld.com [mailto:spardo@pmcworld.com]
Sent: Wednesday, June 20, 2012 11:39 AM
To: jgibson@dfg.ca.gov; mollabolla@yahoo.com; bryant@kadtec.com; Joyce Hunting
Subject: 1600-2012-0050-R6 - New Residences at 1031 Meadowbrook Road

Hi Joanna,

Please find a hyperlink below to download the responses to your questions outlined in the email dated May 11, 2012. If you would like a hard copy(ies), please let me know and I will get them sent out to you.

Thank you,
Summer

The Files

- [Moller-DFG-SBAA-RAI-Resonse-061512.pdf](#) - 2.87 MB

Need to send files to PMC? <http://sendfiles.pmcworld.com/>

Note: These files will be deleted on Wednesday, July 4, 2012

Jan Zimmerman - Fwd: Notice of Violation CAO Order No. R6V-2012-0008, Arimol Group, Inc.

From: Jan Zimmerman
To: mollabolla@yahoo.com
Date: 6/20/2012 11:56 AM
Subject: Fwd: Notice of Violation CAO Order No. R6V-2012-0008, Arimol Group, Inc.
CC: Copeland, Patrice; Plaziak, Mike
Attachments: NOV_CAO R6T-2012-0008_Arimol.PDF

Mr. Moller,

Please see the attached Notice that went out via certified mail today. We will be contacting you shortly to schedule a meeting to discuss the violations and the information needed to comply with the requirements of the CAO. Please contact us should you have any questions.

Thank you.

Jan M. Zimmerman, PG
Engineering Geologist
Lahontan Regional Board

Phone: 760/241-7376
Fax: 760/241-7308
jzimmerman@waterboards.ca.gov

>>> Amber Wike 6/20/2012 11:18 AM >>>
Please see the attached Notice.

*Amber Wike
Office Technician
Lahontan Water Board - Reg 6
phone: (530) 542-5400
fax: (530) 544-2271
email: AWike@waterboards.ca.gov*

From: Mike Plaziak
To: Chuck Curtis; Jan Zimmerman; Lauri Kemper; Lisa Scorallo; Patrice Copeland; Scott Ferguson
CC: AnnaKathryn Benedict
Date: 6/21/2012 4:21 PM
Subject: Re: Meeting with Arimol Group and consultants

Lauri
Any insight as to what parts of the NOV are inaccurate?
/r
Mike

>>> Lauri Kemper 6/21/2012 3:30 PM >>>
Hi Group!

Gerry Montgomery, consultant for the Arimol Group, called me today to request a meeting to go over the NOV and clarify some of the violations - he thinks we may have some incomplete information and some of these violations may be inaccurate, in his opinion. Also, he has been informed by Bill Moller, the president of Arimol that Arimol is interested in getting into compliance....they want to work with us!

Therefore, Gerry, Bill and their consultant biologist would like to meet with us. I looked at groupwise calendars for the victorville staff and me, and suggested some dates. For now, this is the best date, but Gerry will be confirming or requesting a different date if Bill cannot make this meeting.

This meeting will primarily be a technical discussion to receive additional information from Arimol, to discuss what it will take to achieve compliance, and to help them understand our expectations for achieving compliance (what does compliance look like?). So, Anna-Kathryn does not have to participate but may want to listen in.

I checked the VVL meeting room schedule and the large meeting room is available (mike or jan- please reserve the room - our new system won't let me do it). Arimol folks will plan to be in Victorville for this meeting. Scott, Lisa and I can participate by phone (lisa- will you please reserve the annex or main conf room so we can use the conf phone).

Thanks everyone!

Lauri

From: Mike Plaziak
To: Janet.Nelsen@asm.ca.gov; Sam Lamech
CC: Copeland, Patrice; Zimmerman, Jan
Date: 6/21/2012 4:12 PM
Subject: Fwd: RE: order # R6V-2012-0008 ARIMOL GROUP

Hi Janet

If you have any questions about the action the Water Board is taking against Arimol on the water quality issues at their building site please feel free to call me at the info listed below. You can also contact Patrice Copeland Senior Engineering Geologist at 760-241-7404 or Jan Zimmerman Engineering Geologist 760-241-7376. Thanks

/r

Mike

>>> "Nelsen, Janet" <Janet.Nelsen@asm.ca.gov> 6/21/2012 1:57 PM >>>

Sam,

Thanks for sending this information and keeping our office informed in this situation. Please send us any other information on actions that are taken.

Thank you,

Janet Nelsen
Field Representative
Assemblyman Tim Donnelly
59th District Office
15900 Smoke Tree St. Suite 100
Hesperia, CA 92345
Janet.Nelsen@asm.ca.gov (<mailto:Cheryl.parsons@asm.ca.gov>)
Phone: (760) 244-5277
Fax: (760) 244-5447
<http://www.arc.asm.ca.gov/member/59/>

From: Sam Lamech [<mailto:SLamech@waterboards.ca.gov>]
Sent: Thursday, June 21, 2012 1:37 PM
To: Nelsen, Janet
Cc: Patrice Copeland
Subject: order # R6V-2012-0008 ARIMOL GROUP

Janet,

Pl. find the cleanup and abatement order attached.

Sam Lamech

Jan Zimmerman - Laurie,

From: Gerald Montgomery <gerald@montgomery-assoc.com>
To: mollabolla@yahoo.com; LKemper@waterboards.ca.gov
Date: 6/25/2012 8:57 AM
Subject: Laurie,
CC: lizz@montgomery-assoc.com; mike@montgomery-assoc.com; jorge@montgomery-assoc.com; spardo@pmcworld.com; jhunting@pmcworld.com; ...

Laurie,

It was a pleasure to talk to you last Thursday. Thank you for getting back to me so quickly!

Per our conversation, Bill Moller, myself (the consultant handling CGP compliance), and a representative from PMC (the consultant handling the environmental issues) will be in your Victorville office at 2:00 on Tuesday, July 3 to discuss the recent NOV of the CAO issued on June 20, 2012 with key members of your staff. We anticipate this meeting to last 60 to 90 minutes.

We understand that you may not be able to attend in person, however you will be available via conference call. I have others in my office that I would like to conference in as well to listen in and hear any action items or provide information to the group, so I am hopeful we can conference them in as well. Please let me know if that will be possible.

It is our hope that many of these items are misunderstandings and that several of these items, are, and have been, in compliance. We are also hopeful we can leave the meeting with a clear understanding of all items that need to be corrected, implemented, submitted, etc.

Thanks Laurie. We look forward to resolving these issues.

Jerry

--

Gerald R. Montgomery
Principal
(916) 216-7744 (cell)
(916) 476-4903 (Sacramento Office)
(916) 706-3037 (Sacramento Fax)
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(760) 579-7332 (Carlsbad Fax)
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MEETING SIGN IN SHEET

DATE: 7/3/2012	FACILITY PROJECT NAME: Animal Group -
LOCATION: Victorville	AGENCY/DISCHARGER NAME: Animal Crest Park

NAME	AGENCY	PHONE/EMAIL
Jan Zimmennan	Volontan RWQCB	760/241-7376 jzimmennan@waterboards.ca.gov
GERALD MONTGOMERY	MONTGOMERY & ASSOC.	(916) 476-4903 gerald@montgomery-association
JORGE BELTRAN	MONTGOMERY & ASSOC.	(916) 476-4903 jorge@montgomery-assoc.com
SHELBY EDER	MONTGOMERY & ASSOC.	(916) 476-4903 shelby@montgomery-assoc.com
LIZZ GAYLORD	MONTGOMERY & ASSOC.	(916) 476-4903 lizz@montgomery-assoc.com
Summer Pardo	PMC	(916) 361-1574 SPARDO@PMCWORLD.COM
BRYANT BERGESON	KADTEC	909-336-6970 bryant.2662@Yahoo.com
Bru Moller	Animal Group.	424-634-2331 mollacorp@aol.com
Scott Lane	Attorney on Phone Animal group.	213-612-9900 lane@mmlawyers.com
Mike Phrick	RWQCB	mplezick@waterboards.ca.gov 760 241 7325
Anna Kathryn Benedict	OE SWRCB	916.323.6848 abenedict@waterboards.ca.gov
Lauri Bender	RWQCB	(530) 542-5436
Scott Ferguson	RWQCB	(530) 542-5432
Lisa Scorallo	RWQCB	(530) 542-5452
Chuck Curtis	RWQCB	(530) 542-5460

s/forms/meeting signin sheet

KADTEC

ENGINEERING • TITLE 24 • DRAFTING

Bryant Bergeson - P.E. 48805

PHONE (909) 336-6970

FAX (909) 337-2211

ADDRESS: 26748 HWY 189, BLUEJAY, CA 92317
MAIL: P.O. BOX 6885, CRESTLINE, CA 92325
E-Mail: BRYANT@KADTEC.COM



GERALD R. MONTGOMERY CPEAC, | CESSWI
Principal

MONTGOMERY
& ASSOCIATES, INC.

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gerald@montgomery-assoc.com

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STORM WATER CONSULTING | TRAINING SERVICES
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PMC

Summer Pardo, P.W.S.

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P: (916) 361-8384 • TF: (866) 828-6PMC • EXT: 10296 • F: (916) 361-1574

Zimmerman, Jan@Waterboards

From: Gerald Montgomery <gerald@montgomery-assoc.com>
Sent: Monday, July 09, 2012 1:28 PM
To: Zimmerman, Jan@Waterboards
Cc: Scott Lane; JorgeBeltran; Lizz Gaylord; Mike Wathen; Shelby Elder; Summer Pardo; Benedict, AnnaKathryn@Waterboards; Kemper, Lauri@Waterboards; Plaziak, Mike@Waterboards; bryant bergeson; Bill Moller
Subject: Fwd: ARIMOL SPREADSHEET and TRANSMITTAL
Attachments: 120705 Transmittal GRM-A.pdf; Amirol CAS Summary.pdf

Good afternoon Jan,

As promised at our meeting on July 3, 2012 at your offices in Victorville, CA, here is the spreadsheet of all the "Corrective Actions Required" items we have identified since obtaining coverage under SWRCB Order 2010-0014-DWQ (CGP-Revised) and the dates the items were both addressed/repaired/installed, and then subsequently observed/verified by the QSP/QSD and signed off. This spreadsheet was generated from our compliance reports, which are located in the SWPPP on-site. **Should you require further information, or wish to have it in any other format, or have any revision/addition made to the report, please do not hesitate to contact me directly and we will accommodate.**

It is our intent to submit this to satisfy information related to Violation D.3 of the "Notice of Violation - Clean Up and Abatement Order". It is our position the project is in compliance with both the CGP and the CAO.

As the QSD/QSP, we welcome joint inspections with Jan (and others) and with a 48 hour notice, we can accommodate your schedule.

We look forward to working with everyone to protect water quality and keep the project in compliance with the CGP and CAO.

We thank you for taking the time to meet with us to open a productive dialogue.

Jerry

P.S. - I was going to send this to Bill Moller to transmit to you, however, he was in Alaska last I heard so I wanted to get it over to you today as I try to always keep my word. Thanks.

----- Forwarded message -----

From: Mike Wathen <mike@montgomery-assoc.com>
Date: Thu, Jul 5, 2012 at 2:17 PM
Subject: ARIMOL SPREADSHEET and TRANSMITTAL
To: Gerald Montgomery <gerald@montgomery-assoc.com>

For Jan.....

--
Michael Wathen, CPESC, CESSWI, QSP/QSD
Field Services Manager, Montgomery and Associates, Inc

7311 Greenhaven Dr. Suite #207 Sacramento, CA 95831
707-337-2494

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--

Gerald R. Montgomery
Principal
(916) 216-7744 (cell)
(916) 476-4903 (Sacramento Office)
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MONTGOMERY
& ASSOCIATES, INC.

LETTER OF TRANSMITTAL

TO:
Jan M. Zimmerman, P.G.
14440 Civic Drive, Suite 200
Victorville, CA 92392
p. (760) 241.7376 f. (760) 241.7308

Date:	July 5, 2012
Project	Arimol - 1031A Meadowbrook Rd.
	WDID # 6B36C363433
M&A Letter 120705-GRM-A	

WE ARE SENDING YOU: -- Attached under separate cover/via _____ the following items;
 Prints Shop Drawings Plans Specifications Samples
 Change order Copy of letter Other: _____

COPIES	DATE	NO.	DESCRIPTION
1	7/5/2012	1	Corrective Action Summary Tracking Log for Arimol (Serenity Lodge)

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 Records _____ corrected prints
 For review and comment Other: _____

REMARKS : _____

If you have any questions regarding the above or the attached please contact our office.

COPY TO : File _____

SIGNED : *Gerald R Montgomery*

Gerald Montgomery

7311 Greenhaven Dr. # 207, Sacramento, CA 95831
WWW.MONTGOMERY-ASSOC.COM

Arimol - 1031 A Meadowbrook Rd. - Corrective Action Summary Tracking Log

WDID # 6B36C363433

Corrective Action #	Description	Date Assigned	Date Repaired	Date Verified
120419-1	Place rock on outfall flowline	19-Apr-12	20-Apr-12	3-May-12
120419-2	Remove stockpile, and stabilize streambanks	19-Apr-12	20-Apr-12	3-May-12
120419-3	Place a secondary line of silt fence	19-Apr-12	20-Apr-12	3-May-12
120419-4	Overlap fiber rolls	19-Apr-12	20-Apr-12	3-May-12
120419-5	Remove or cover stockpiles	19-Apr-12	20-Apr-12	3-May-12
120419-6	Provide fiber roll around stockpile	19-Apr-12	20-Apr-12	3-May-12
120419-7	Provide secondary containment on sanitary station	19-Apr-12	20-Apr-12	3-May-12
REAP - 1	Gravel Bags along N. side of Oak Lane	23-Apr-12	24-Apr-12	3-May-12
REAP - 2	Stabilize Stockpiles	23-Apr-12	24-Apr-12	3-May-12
120503-1	Replace and repair silt fence	3-May-12	4-May-12	9-May-12
120524-1	Install fiber rolls as perimeter control at top of keystone wall	24-May-12	25-May-12	31-May-12
120531-1	Install fiber rolls at top of walls	31-May-12	1-Jun-12	6-Jun-12
120629-1	Repair and stabilize erosion rills on slopes	29-Jun-12	2-Jul-12	
120629-2	Stabilize DSA on slopes adjacent to structures	29-Jun-12	2-Jul-12	

Scott Lane

From: Summer Pardo [spardo@PMCWorld.com]
Sent: Friday, July 20, 2012 1:40 PM
To: Zimmerman, Jan@Waterboards; Kemper, Lauri@Waterboards; Plaziak, Mike@Waterboards
Cc: Bryant Bergeson; Curtis, Chuck@Waterboards; GeraldMontgomery; Joyce Hunting; Scorallo, Lisa@Waterboards; Ferguson, Scott@Waterboards; BillMoller
Subject: Notice of Violation CAO Order No. R6V-2012-0008, Arimol Group, Inc.

Dear Ms. Kemper:

Please find below, a hyperlink to download supplemental information to those data submitted on April 20, 2012, in support of Order #5, and April 26, 2012, in support of Order #6, as requested in the above referenced Cleanup and Abatement Order (CAO). Hard copies to follow via mail.

If there are any issues with the document download, please let me know.

Thank you,
Summer Pardo
Associate Biologist
PMC
2729 Prospect Park Drive, Suite 220
Rancho Cordova, CA 95670
o: (916) 517-4496
f: (916) 361-1574
c: (407) 963-5206



The Files

- [CAO-Response-072012-v2-Complete.pdf](#) - 4.29 MB

Need to send files to PMC? <http://sendfiles.pmcworld.com/>

Note: These files will be deleted on Friday, August 3, 2012



7/127

RECEIVED	JUL 25 2012
JZ	
MP	

July 20, 2012

Patricia / Jan
lets discuss the
restoration aspects in
detail.
in
Mike

Lauri Kemper, Assistant Executive Officer
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 Lahontan Region
 2501 Lake Tahoe Boulevard
 South Lake Tahoe, CA 96150

**RE: 1031 MEADOWBROOK ROAD PROJECT
 CLEANUP AND ABATEMENT ORDER NO. R6V-2012-0008**

Dear Ms. Kemper:

The purpose of this letter is to provide supplemental information to those data submitted on April 20, 2012, in support of Order #5, and April 26, 2012, in support of Order #6, as requested in the above referenced Cleanup and Abatement Order (CAO). Each item listed under these Orders are provided below in bold, followed by a response in plain text. Items required to fulfill the remaining CAO requirements will be submitted under separate cover.

5. By **April 20, 2012**, the Discharger shall submit a technical report that describes the development plan for the Site and that describes, illustrates, and quantifies all land disturbance activities that have occurred since the Discharger acquired the Site in 2011, including those disturbances to drainages, springs, and other surface waters, as well as those proposed in the overall, larger, development plan for the Serenity Lodge Expansion Project. The report shall include, but not be limited to, the following:
 - a. A scaled site plan illustrating the location and extent of all waters of the state (surface waters) on the Site, both prior to installation of the pipe culvert and after installation of the pipe culvert. The scaled site plan shall also identify the extent and types of vegetation associated with those surface waters prior to and following installation of the pipe culvert.

Based on a review of historic aerial photographs, two (2) ephemeral streams and one (1) shrub wetland occurred onsite prior to the site activities. The ephemeral stream was characterized by wet meadow vegetation, and the shrub wetland was a nearly homogenous stand of willow (*Salix* spp.). In addition, two (2) springs occurred on adjacent parcels (977 and 995 Meadowbrook Road), and were also dominated by willow. Both springs drained into the onsite jurisdictional features through open water channels, dominated by wet meadow vegetation. The enclosed **Figure 2** depicts the location of historic jurisdictional features onsite.

During the site activities a 30" corrugated metal pipe was placed within the ephemeral drainage and backfilled, and the majority of the shrub wetland was cleared and grubbed. While excavating the foundation at 977 Meadowbrook Road, a spring was encountered. To prevent damage to the foundation and maintain the natural drainage pathway, approximately 188 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features. While grading the house pad on 995 Meadowbrook Road, a second spring was revealed. To prevent damage to the foundation of this residence and maintain the natural drainage pathway, approximately 75 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features. Please refer to the enclosed **Site Plan**, provided by Kadtec.

The enclosed **Stream Bed Grading Plan** provided by Kadtec, depicts the proposed location and configuration of the restored streambed and associated jurisdictional features. In addition, the enclosed **Figure 3** depicts the proposed extent and location of vegetation types within the restoration area.

b. **A full, technically accurate description of the development plan for the site and associated environmental impacts to date, both temporary and permanent, including impacts to areas outside of the surface waters. The description shall include, but not be limited to, the following:**

i. **Locations and dimension of existing and proposed structures or fill within waters of the State such as culverts, gabions, rock-slope protection/rip-rap, wing walls, dikes, cofferdams, and excavations.**

Please see the enclosed **Site Plan** for details regarding the existing site conditions, as well as proposed structures on and adjacent to the property. No additional impacts to jurisdictional waters are anticipated as a result of future development plans; however, all appropriate local, state, and federal permits will be obtained prior to any future development activities, as necessary.

ii. **Direct or indirect changes in streambed slope, cross-sectional dimension or area, vegetation, and/or surfacing.**

The impact analysis determined that approximately 0.26 acre of shrub wetland, 0.005 acre of springs, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels were impacted by recent site activities. To offset these impacts the Permittee is proposing to construct a 0.313-acre restoration area onsite. Due to the location of the spring heads, adjacent to foundation footings, it is not feasible to open up these features all the way to their point of origin. However, it is proposed that the 4" drainage pipes be removed, and two (2) 12" channels be created to restore the historic spring drainages. As a result of these activities, approximately 0.005 acre of springs and 34 linear feet of spring drainage channels will be permanently impacted. The proposed restoration area will include approximately 0.29 acre of shrub wetland, 0.023 acre of wet meadow wetland, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels.

iii. Changes in drainage patterns and potential impacts to onsite and downstream surface waters.

The site activities described under 5.a above resulted in alterations to the natural hydrologic patterns through channelization of surface water flow across the property. However, all connections to offsite features were maintained. Maintenance of the historic drainage connections ensured that no water was impounded on- or offsite, which would minimize impacts to offsite drainage patterns.

In order to offset any impacts to onsite and offsite surface waters that could have resulted from the hydrologic alterations, the Permittee is proposing to create an onsite restoration area that will restore the natural hydrologic patterns. Details regarding the proposed streambed recontouring and restoration can be found on the enclosed **Stream Bed Grading Plan**.

iv. The location and dimensions of all associated access roads, work staging areas, and related infrastructure.

Please see enclosed plan sheets provided by Kadtec.

v. Temporary or permanent dewatering or water diversions.

Initial site activities resulted in the diversion of water, in an ephemeral drainage, via a 30" corrugated metal pipe. In addition, two (2) 4" drainage pipes were installed to direct spring water flows away from residential home foundations; however, the natural hydrologic patterns for these springs was maintained by providing a connection to the onsite ephemeral stream. Please see the enclosed **Site Plan** for the location and extent of these drainage

features. These water diversions will be removed in association with the proposed restoration plan, thereby returning the hydrologic patterns to their natural condition.

- vi. **Pre- and post-construction storm water management and pollution control measures; and construction methods, schedule and phasing plan. Maps, figures, and engineered drawings should be included, as appropriate.**

Details regarding the pre- and post-construction stormwater management and pollution control measures, construction methods, schedule, and phasing plan can be found in the Stormwater Pollution Prevention Plan (SWPPP) submitted to the Board on April 13, 2012. The SWPPP has been implemented to ensure impacts to downstream jurisdictional features do not occur as a result of the historic and proposed site activities. A **BMP Erosion Control Plan** sheet has been included for your reference.

6. **By April 26, 2012, the Discharger shall submit a technical report for the Executive Officer's approval (or his/her delegate's approval) that provides a Surface Water Restoration Plan to remove the pipe culvert and headwall and restore the section of the creek that has been placed within the new 30-inch culvert to its natural hydrologic conditions. The plan must also include restoration of the natural drainage channel located on the site's eastern perimeter and for the two diverted springs located on the western portion of the Site. The technical report shall provide, at a minimum the following information.**
 - a. **A detailed description and illustration (scaled design plans) of the measures proposed to restore the characteristics (e.g., channel width, depth, and sinuosity/alignment; channel slope/hydraulic grade line, channel substrate, vegetation within and adjacent to the surface waters) of the above-referenced surface waters to preconstruction conditions. Aerial photographs or other photographs of pre-construction conditions (date-stamped or other date-verification methodology) shall also be included with this plan element.**

Please see enclosed **Stream Bed Grading Plan** for details regarding the proposed recontouring and restoration of onsite jurisdictional features, and the enclosed **Surface Water Restoration Plan** for details regarding proposed restoration activities.

- b. **A detailed description and illustration (scaled design plans) of the method(s) proposed to divert any flows within the surface waters during soil-disturbing restoration activities and until the restoration sites have been stabilized and can accept flow without discharging sediment-laden water off the Site.**

The streambed restoration will occur in three (3) phases to ensure that no sediment-laden water leaves the site. Please see **BMP Erosion Control Plan** for phase locations. In each phase the 30" corrugated metal pipe will be removed and that segment of the restoration area will be constructed. Work within the restoration area will only occur when running water is absent, and five (5) consecutive days of good weather is confirmed.

- c. **A detailed description and illustration (scaled design plans) of the measures proposed to temporarily stabilize the restoration areas until permanent stabilization measures (e.g., vegetation, rock-slope protection/rip rap) effectively stabilize the restoration areas.**

Please see the enclosed **BMP Erosion Control Plan** and **Stream Bed Grading Plan**, provided by Kadtec.

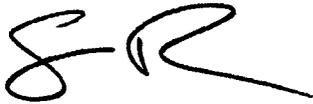
- d. **A detailed description and illustration (scaled design plans) of the measures proposed to reestablish the vegetation that has been removed from within and adjacent to the above-referenced surface waters. This plan element will include, but not be limited to, the following:**

- i. **For each of the above-referenced surface waters, a list of native plant species to reestablish the vegetation species that has been removed. The list will include relative percentages for each species.**
- ii. **A detailed description of soil preparation activities (e.g., removing compacted soils; adding soil amendments such as compost, top soil, etc.).**
- iii. **Seeding rates and plant spacing for each of the above-referenced surface waters. The criteria shall include, but not be limited to percent live vegetative cover, total cover, vegetative species diversity, and shall be based upon no augmentation or artificial irrigation activities occurring for the previous year. Success criteria may be based upon reference sites accepted in writing by Water Board staff. If reference sites are proposed as the basis for the success criteria, then the proposed reference sites must be identified and fully characterized with respect to the proposed criteria. Any other method of developing success criteria must also be fully described and its applicability to the restoration activities justified.**

- iv. **A detailed description of assessment methodologies and schedule for implementing them in order to evaluate progress towards satisfying interim and final success criteria. Each surface water restoration site will be assessed, at a minimum, of annually for a minimum of five years, unless a reduction in the monitoring period is authorized in writing by the Water Board.**

Please see **Surface Water Restoration Plan** enclosed.

Sincerely,



Summer Pardo
Associate Biologist

Enclosures

Cc: Mike Plaziak, Supervising Engineering Geologist - RWQCB
Jan Zimmerman, Engineering Geologist - RWQCB
Bill Moller, President - Arimol Group, Inc.
Gerald Montgomery, Principal - Montgomery & Assoc.
Bryant Bergeson, Principal - Kadtec
Joyce Hunting, Biological Services Director - PMC

**SURFACE WATER
RESTORATION PLAN**

Surface Water Restoration Plan for Affected Jurisdictional Waters 1031 Meadowbrook Road Project

Project Description

The project site comprises one parcel (APN: 033613402), and encompasses approximately 1.8 acres. The site is located at 1031 Meadowbrook Road, Lake Arrowhead, California. Additionally, the project is located within the San Bernardino National Forest, approximately 1.25 miles south of Lake Arrowhead, west of State Road 173, and north of Rim of the World Highway (**Figure 1**).

Based on a review of historic aerial photographs, two (2) ephemeral streams and one (1) shrub wetland occurred onsite prior to the site activities. The ephemeral stream was characterized by wet meadow vegetation, and the shrub wetland was a nearly homogenous stand of willow (*Salix* spp.). In addition, two (2) willow-dominated springs occurred on adjacent parcels (977 and 995 Meadowbrook Road). Both springs drained into the onsite jurisdictional features through open water channels, dominated by wet meadow vegetation. The enclosed **Figure 2** depicts the location of historic jurisdictional features on and adjacent to the parcel.

During the site activities a 30" corrugated metal pipe was placed within the ephemeral drainage and backfilled. Additionally, the majority of the shrub wetland was cleared and grubbed. While excavating the foundation at 977 Meadowbrook Road, a spring was encountered. To prevent damage to the foundation and maintain the natural drainage pathway, approximately 188 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features. While grading the house pad on 995 Meadowbrook Road, a second spring was revealed. To prevent damage to the foundation of this residence and maintain the natural drainage pathway, approximately 75 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features.

The site activities described above resulted in alterations to the natural hydrologic patterns through channelization of surface water flow across the property. In order to offset any impacts to onsite and offsite surface waters that could have resulted from the hydrologic alterations, the Permittee is proposing to create an onsite restoration area that will restore the natural drainage patterns. Details regarding the proposed streambed recontouring and restoration can be found on the enclosed **Stream Bed Grading Plan**.

Restoration Plan

The purpose of this Surface Water Restoration Plan is to outline the processes required to restore the functional value of the impacted jurisdictional features in accordance with Order #6 of California Regional Water Quality Control Board (Board) Cleanup and Abatement Order No. R6V-2012-0008, and Measure 3.2 of California Department of Fish and Game (DFG) Streambed Alteration Agreement 1600-2011-0244-R6. Per the requirements of these permits, impacts to jurisdictional areas will be restored to pre-project conditions.

The impact analysis determined that approximately 0.26 acre of shrub wetland, 0.005 acre of springs, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels were impacted by recent site activities. To offset these impacts the Permittee is proposing to construct a 0.313-acre restoration area onsite. Due to the location of the spring heads, adjacent to foundation footings, it is not feasible to open up these features all the way to their point of origin. However, it is proposed that the 4" drainage pipes be removed, and two (2) 12" channels be created to restore the historic spring drainages. As a result of these activities, approximately 0.005 acre of springs and 34 linear feet of spring drainage channels will be permanently impacted. The proposed restoration area will include approximately 0.29 acre of shrub wetland, 0.023 acre of wet meadow wetland, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels.

The wet meadow and spring drainages will be planted on 1- to 3-foot centers (dependent on source materials and species requirements) utilizing a mixture of the native plant species provided in **Table 1** (below) as available from local sources. In addition, willow cuttings will be used to revegetate the shrub wetland section of the restoration area. Whip cuttings will be taken from the remaining onsite population of willows, and installed to a depth at or near the water table, on 4' centers. If the onsite population of willows is not sufficient to provide the whip cuttings needed to revegetate the shrub wetland area, then supplemental plantings will be acquired from local sources. A formal planting plan will be developed by a qualified habitat restoration specialist, based on local availability of native plants, and submitted to the Board and DFG 30 days prior to initiation of revegetation activities.

Disturbed soil surfaces that result from the restoration activities will be planted to prevent erosion and facilitate revegetation. Prior to planting the following steps will be taken.

- Remove all construction debris and stockpiled materials.
- Regrade area to a contour that would improve restoration potential of the site.
- Rough soil to accept plant installation.
- Plant the restoration area.

TABLE 1 – SPECIES ASSEMBLAGES¹

Accepted Taxon	Vernacular Name	Habit
<i>Allium parryi</i>	Parry's fringed onion	Perennial herb
<i>Alopecurus aequalis</i>	Shortawn foxtail	Perennial herb
<i>Artemisia douglasiana</i>	California mugwort	Perennial herb
<i>Athyrium filix-femina</i>	Common ladyfern	Fern
<i>Barbarea orthoceras</i>	American rocket	Perennial herb
<i>Bidens frondosa</i>	Devil's beggartick	Annual herb
<i>Brodiaea terrestris</i> ssp. <i>kernensis</i>	Kern brodiaea	Perennial herb
<i>Bromus hallii</i>	Hall's brome	Perennial herb
<i>Calochortus palmeri</i>	Palmer's mariposa lily	Perennial herb
<i>Camissoniopsis hirtella</i>	Camissonia hirtella	
<i>Ceanothus vestitus</i>	Mojave ceanothus	Shrub
<i>Circaea alpina</i> ssp. <i>pacifica</i>	Pacific enchanter's nightshade	Perennial herb
<i>Cornus sericea</i> ssp. <i>occidentalis</i>	Western dogwood	Shrub
<i>Cornus sericea</i> ssp. <i>sericea</i>	American dogwood	Shrub
<i>Cyperus squarrosus</i>	Bearded flatsedge	Annual herb
<i>Elymus glaucus</i> ssp. <i>glaucus</i>	Western rye grass	Perennial herb
<i>Epilobium ciliatum</i>	Fringed willowherb	Perennial herb
<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	Northern willowherb	Perennial herb
<i>Epilobium ciliatum</i> ssp. <i>glandulosum</i>	Glandular willowherb	Perennial herb
<i>Epilobium glaberrimum</i> ssp. <i>glaberrimum</i>	Smooth willowherb	Perennial herb
<i>Equisetum arvense</i>	Common horsetail rush	Fern
<i>Eriastrum densifolium</i> ssp. <i>densifolium</i>	Giant eriastrum	Perennial herb
<i>Eriogonum nudum</i> var. <i>pauciflorum</i>	Naked buckwheat	Shrub
<i>Eriogonum wrightii</i> var. <i>subscaposum</i>	Bastardsage	Perennial herb, Shrub
<i>Gilia capitata</i> ssp. <i>abrotanifolia</i>	Bluehead gilia	Annual herb
<i>Glyceria elata</i>	Tall mannagrass	Perennial herb
<i>Iris missouriensis</i>	Rocky mountain iris	Perennial herb
<i>Juncus bufonius</i>	Common toad rush	Annual herb
<i>Juncus effusus</i>	Bog rush	Perennial herb
<i>Juncus ensifolius</i>	Swordleaf rush	Perennial herb
<i>Juncus mexicanus</i>	Mexican rush	Perennial herb
<i>Juncus nevadensis</i> var. <i>nevadensis</i>	Nevada rush	Perennial herb

Accepted Taxon	Vernacular Name	Habit
<i>Leptosiphon ciliatus</i>	Whiskerbrush	Annual herb
<i>Lupinus lepidus</i> var. <i>confertus</i>	Clustered tidy lupine	Perennial herb
<i>Luzula comosa</i>	Pacific woodrush	Perennial herb
<i>Maianthemum racemosum</i>	Feathery false lily of the valley	Perennial herb
<i>Mimulus guttatus</i>	Yellow monkeyflower	Annual, Perennial herb
<i>Mimulus moschatus</i>	Muskflower	Perennial herb
<i>Monardella australis</i>	Southern monardella	Perennial herb
<i>Monardella breweri</i> ssp. <i>lanceolata</i>	Mustang mint	Annual herb
<i>Montia chamissoi</i>	Spring beauty	Perennial herb
<i>Muhlenbergia filiformis</i>	Slender muhly	Annual, Perennial herb
<i>Nemophila menziesii</i> var. <i>integrifolia</i>	Baby blue eyes	Annual herb
<i>Oenothera elata</i>	Hooker's evening primrose	Perennial herb
<i>Phacelia curvipes</i>	Washoe phacelia	Annual herb
<i>Piperia unalascensis</i>	Rein orchid	Perennial herb
<i>Poa secunda</i>	Sandberg bluegrass	Perennial herb
<i>Potentilla gracilis</i>	Slender cinquefoil	Perennial herb
<i>Prunella vulgaris</i> var. <i>lanceolata</i>	Mountain selfheal	Perennial herb
<i>Pseudognaphalium microcephalum</i>	-	Perennial herb
<i>Pseudognaphalium stramineum</i>	Cottonbatting plant	Perennial herb
<i>Ranunculus californicus</i>	California buttercup	Perennial herb
<i>Ribes nevadense</i>	Sierra currant	Shrub
<i>Rosa californica</i>	California wildrose	Shrub
<i>Rubus parviflorus</i>	Western thimbleberry	Vine, Shrub
<i>Saltugilia splendens</i> ssp. <i>grantii</i>	-	Annual herb
<i>Scirpus microcarpus</i>	Panicled bulrush	Perennial herb
<i>Stipa latiglumis</i>	Wide-glumed needle grass	Perennial herb
<i>Stipa occidentalis</i>	-	Perennial
<i>Turritis glabra</i>	Tower rockcress	Perennial herb
<i>Trifolium variegatum</i> var. <i>variegatum</i>	Variegated clover	Annual herb
<i>Viola adunca</i>	Dog violet	Perennial herb

¹ The species assemblage provided in **Table 1** was generated utilizing the CalFlora *What Grows Here* online database, and filtered for native wetland-riparian species in Lake Arrowhead, California.

To ensure that the onsite restoration activities do not result in any adverse impacts to water quality, the Best Management Practices (BMP) will be installed per the Stormwater Pollution Prevention Plan (SWPPP) dated April 13, 2012, as submitted to the Board. In addition, the streambed restoration will occur in three (3) phases to ensure that no sediment laden water leaves the site. Please see **BMP Erosion Control Plan** for phase locations. In each phase the 30" corrugated metal pipe will be removed and that segment of the restoration area will be constructed. Work within the restoration area will only occur when running water is absent and five (5) consecutive days of good weather is confirmed.

Maintenance

Short-term Maintenance Activities (First Five Years)

The ephemeral stream will be inspected annually for species on the California Invasive Plant Council (Cal-IPC) list of invasive plants. If invasive species are identified, the Permittee, or subsequent responsible party, will cooperate with state and federal agencies in order to develop appropriate eradication efforts.

All planted areas will be inspected annually. If plant survival and/or vegetative cover are not progressing toward success criteria, additional planting will occur. However, time for natural recruitment and recolonization should be allowed prior to initiating remedial planting activities.

During the initial establishment period, erosion control measures will be installed and maintained to ensure excessive erosion and sedimentation does not occur. These measures will be instituted in accordance with the April 13, 2012 SWPPP and **BMP Erosion Control Plan** (attached); however, inspections and repairs may be necessary and shall be rectified as soon as problems are identified.

Long-term Maintenance Activities

As the vegetation matures and natural recruitment initiates, the restoration area will likely become more resistant to invasion by invasive plants. Regular inspections of the site by the Permittee, subsequent responsible parties, or their designated contractor will likely identify plants that fall under the Cal-IPC listings. These parties will cooperate with state and federal agency representatives to develop appropriate eradication efforts.

Monitoring

Success Criteria

The restoration area will be deemed successful when the following criteria are achieved:

- No topographic degradation such as excessive erosion or sedimentation occurs.
- The percent cover of native vegetation within the restoration area achieves 60-80%.
- Non-native vegetation represents less than 5% cover.
- There is a documented absence of plant species with rates of dispersal and establishment listed as "Moderate" or "High" on Cal-IPC.
- The primary channel of the stream is inundated at a depth, duration, and frequency sufficient to support the planned ephemeral stream habitat type.

Monitoring Methods

Monitoring of the restoration area will take place for five (5) consecutive calendar years, or until final success criteria are achieved. Vegetative cover and hydrology will be monitored by a qualified wetland biologist with experience in mitigation monitoring.

During each monitoring event a quantitative analysis of percent vegetative cover across the entire restoration area will be conducted. Transects and sampling points will be established during the baseline monitoring event to ensure adequate coverage of the various components within the restoration area. A 1x1 meter quadrangle (quad) will be utilized at each sampling point to estimate percent cover by species. Data collected for each quad will then be summarized and the average percent cover by species calculated. Additionally, photo documentation of the existing site conditions will be taken.

Due to the flashy, episodic nature of ephemeral streams in the region, indicators of Ordinary High Water can be unreliable. In order to ensure the system is functioning properly, data will be collected during the annual monitoring event regarding the presence and location of indicators associated with the active floodplain. Data regarding indicators of the active floodplain will be collected per the US Army Corps of Engineers' *A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the United States* (August 2008).

Reporting

Monitoring reports will be submitted to document restoration progress and determine if the mitigation success criteria have been met. Reports will be submitted on an annual basis and include:

- The previous and current year's site conditions.
- Maintenance activities that are proposed or have occurred, if any.
- The current year's photo documentation.
- A map identifying photopoint, transect, and sampling point locations.

A baseline monitoring report will be submitted to the Board and DFG within 30 days of the completion of the restoration activities. All subsequent monitoring reports will be submitted one year from the date on the baseline report.

Completion of Mitigation

Restoration activities shall be considered complete when the success criteria outlined above are met. Upon achievement of the success criteria, the Permittee or subsequent responsible party will notify the state and federal agencies in writing. Following receipt of this notification the agencies may arrange a site visit to confirm fulfillment of the mitigation requirements.

FIGURES

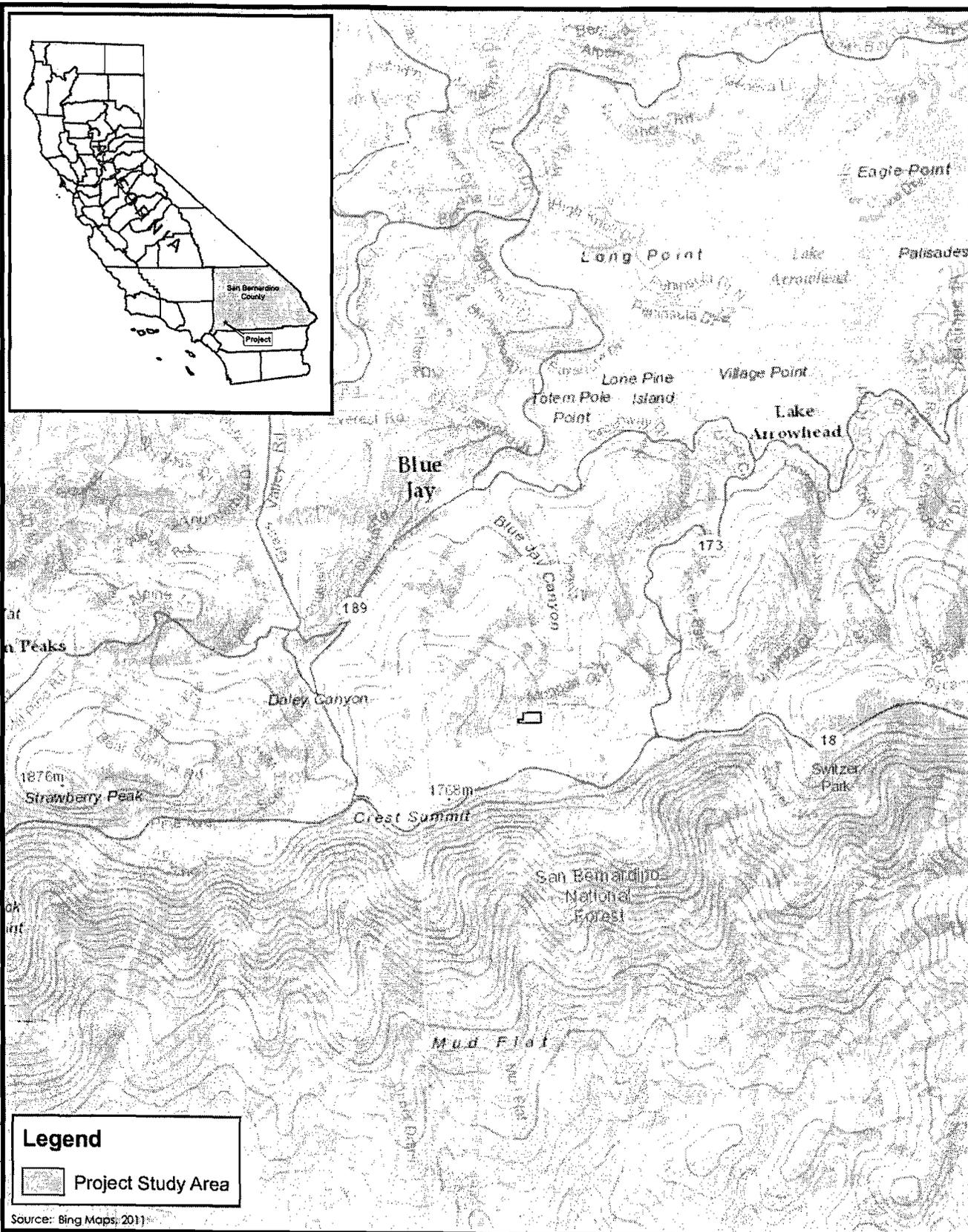


Figure 1
Project Location

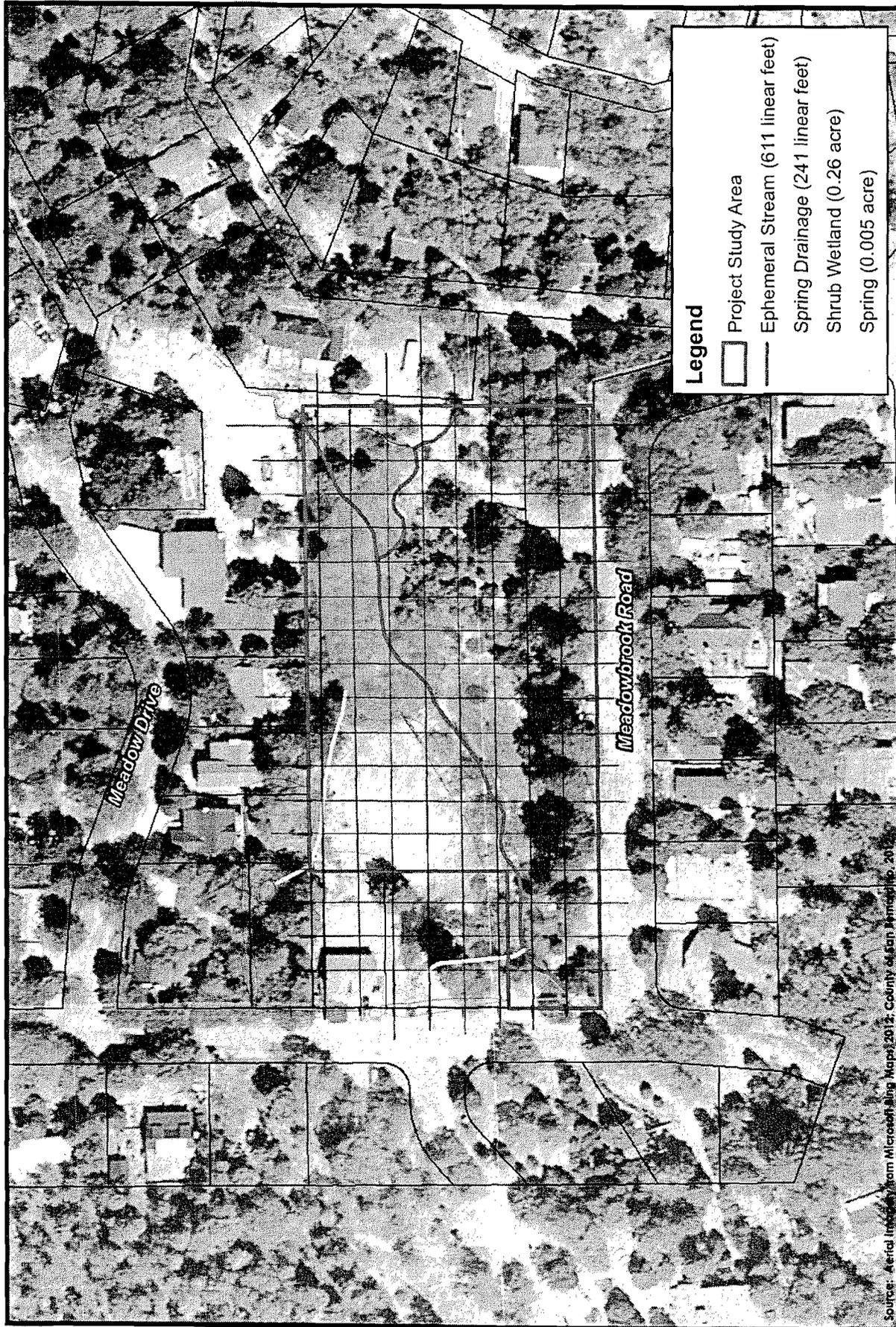


Figure 2

Historic Jurisdictional Features

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Source: Aerial Imagery from MicroSoft Bing Maps; 2012; County of San Bernardino, 2012

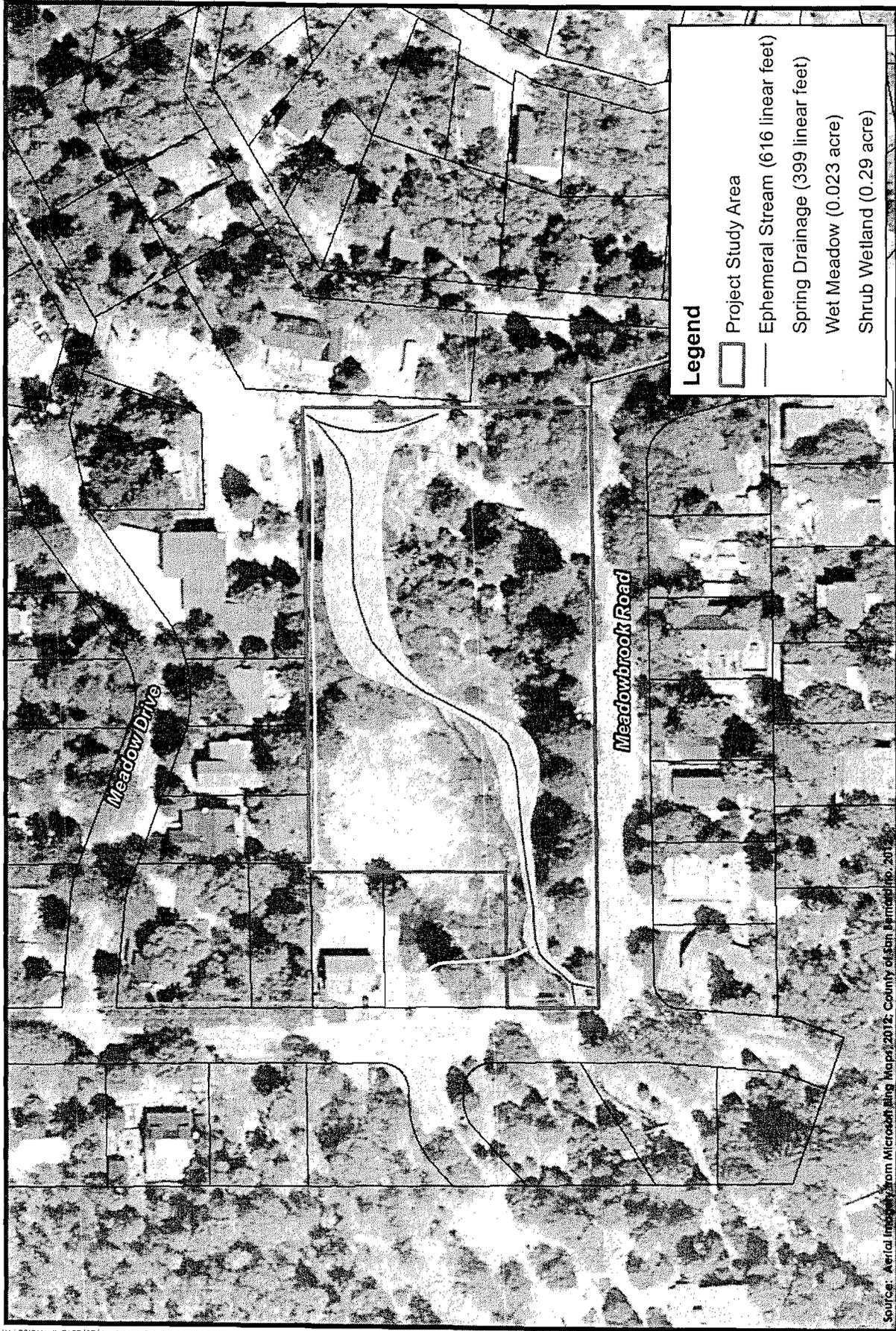


Figure 3
Restored Jurisdictional Features

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Source: Aerial Imagery from MicroStation Maps 2012; County of San Bernardino, 2012

ENGINEERED DRAWINGS

Engineered Drawings

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CHECKED BY	...
SCALE	AS SHOWN

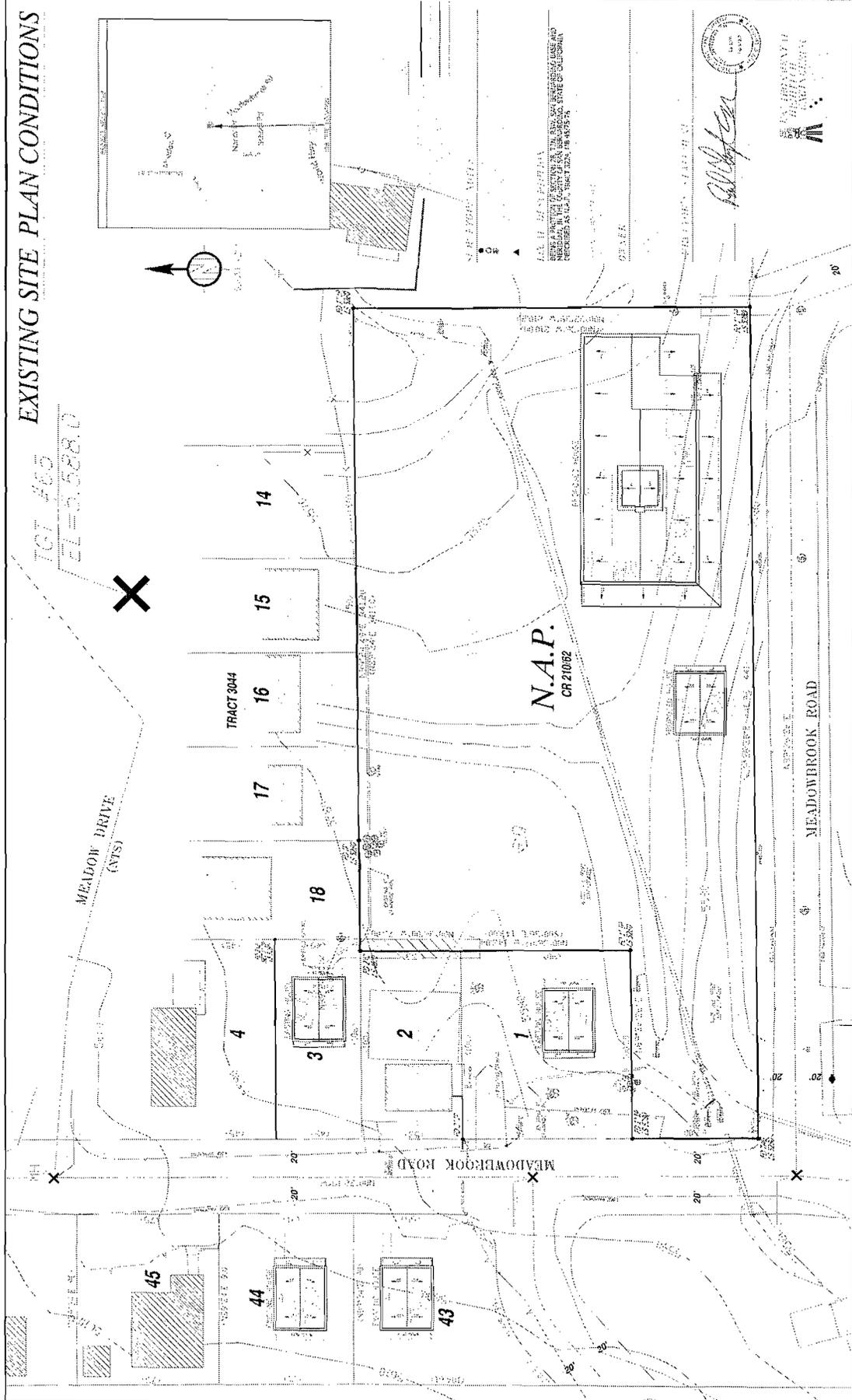
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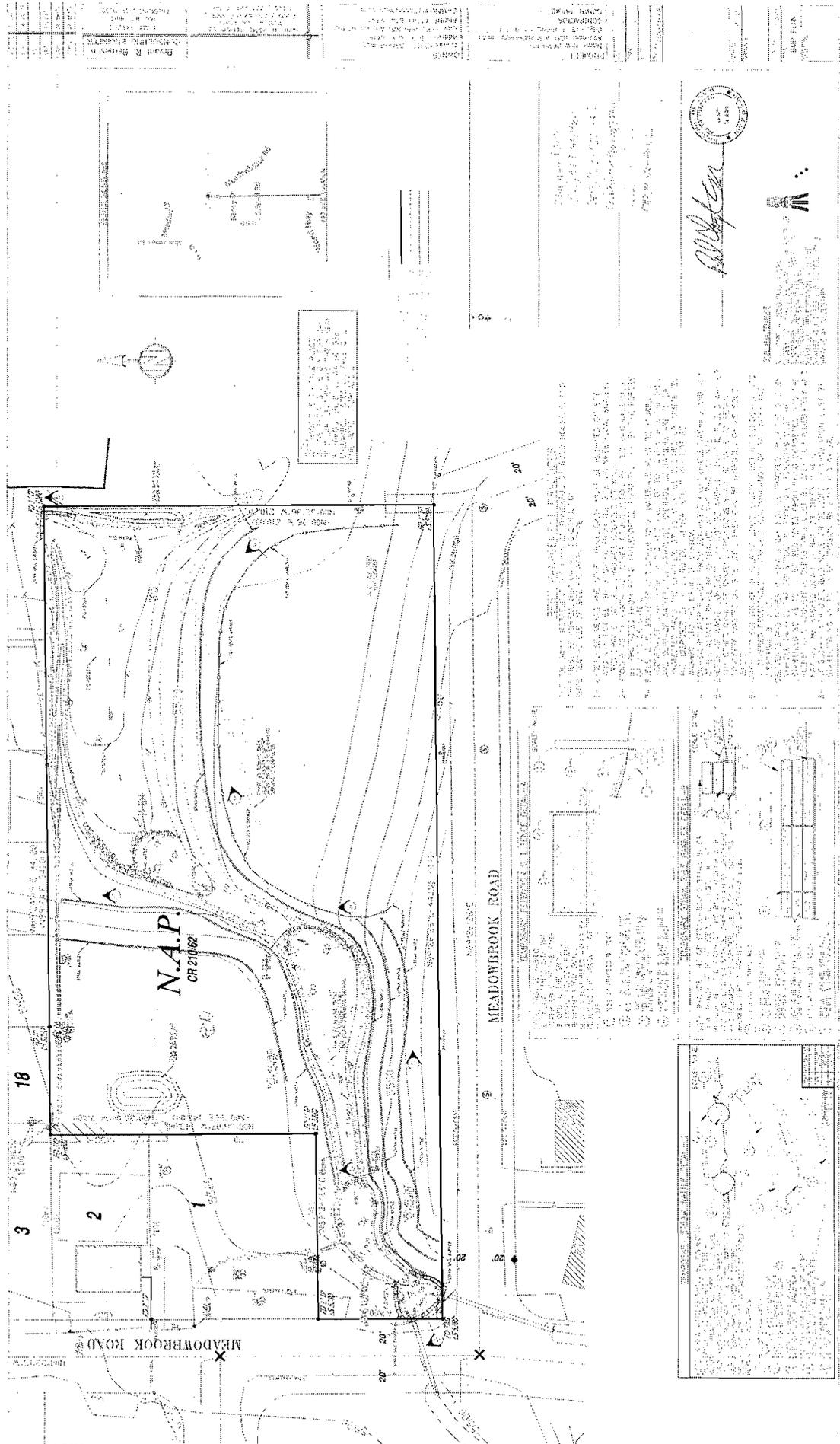
PROJECT
 MEADOWBROOK ROAD
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OWNER
 ...

DATE	11/11/11
PROJECT	MEADOWBROOK ROAD
DRAWN BY	...
CHECKED BY	...
SCALE	AS SHOWN



EXISTING SITE PLAN CONDITIONS



DATE	DESCRIPTION
10/1/82	PRELIMINARY PLAN
10/1/82	FINAL PLAN

DESIGNED BY: [Name]
 CHECKED BY: [Name]
 DATE: 10/1/82

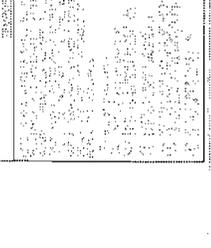
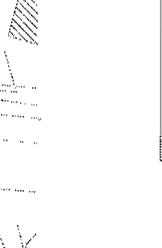
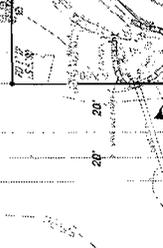
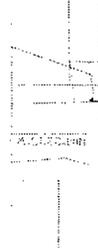
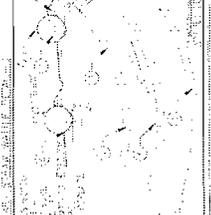
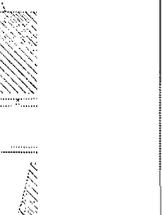
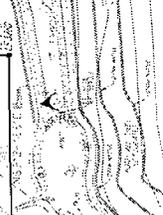
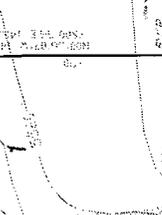
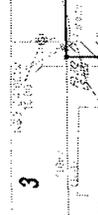
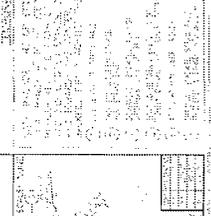
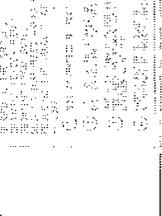
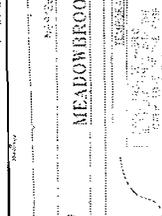
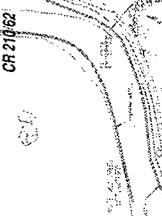
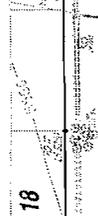
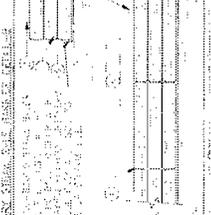
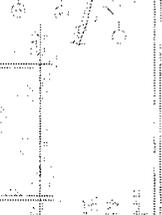
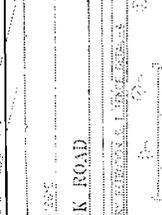
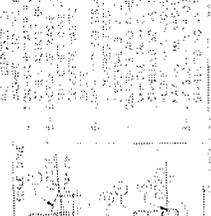
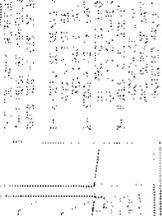
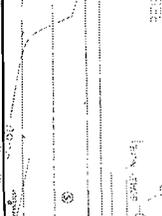
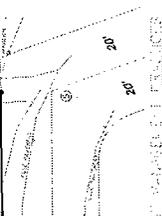
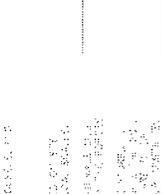
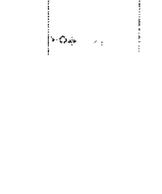
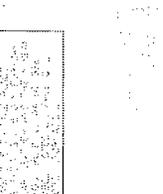
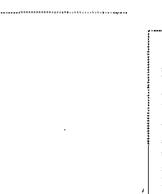
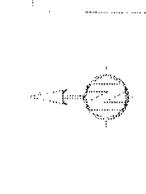
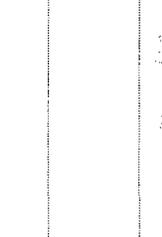
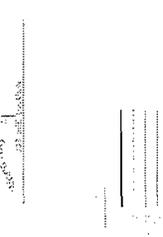
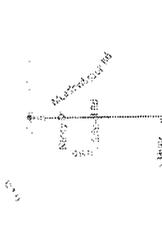
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 PROJECT NO. [Number]
 SHEET NO. [Number]

OWNER: [Name]
 ADDRESS: [Address]
 CITY: [City]

ENGINEER: [Name]
 LICENSE NO. [Number]
 STATE: [State]

DATE: 10/1/82
 SCALE: [Scale]

MEADOWBROOK ROAD
 [Address]



JULY 20, 2012 DFG SUBMITTAL

Figures and Engineered Drawings submitted as part of this package
are same as enclosed



July 20, 2012

Joanna Gibson, Environmental Scientist
CALIFORNIA DEPARTMENT OF FISH AND GAME
Inland Deserts Region
3602 Inland Empire Blvd., Suite C 220
Ontario, CA 91764

**RE: NEW RESIDENCES AT 1031 MEADOWBROOK ROAD
NOTIFICATION NO.: 1600-2011-0050-R6**

Dear Ms. Gibson:

The purpose of this letter is to provide responses to the items listed in your email dated July 19, 2012, for the above referenced project. Each item listed in the email is provided below in bold, followed by a response in plain text.

- 1. Total project impacts incurred to date, as well as those proposed in the larger, overall, project scope have still not been provided to the Department. As previously requested, please identify impacts to streambed, riparian habitat, wet meadow habitat, and springs. Please ensure that the impact areas are identified on an aerial photograph, and that the impacts to each of these features is detailed in a table. The information provided on the "Stream Bed Grading Plan" and the "Habitat Mitigation and Monitoring Plan" does not adequately address this request. Please submit an aerial photograph detailing the historic location of the streambed, the riparian habitat, the wet meadow habitat, and the springs. To assist with Department review please ensure that each of these features are identified by polygons overlaid on the aerial photograph. Please also overlay the total acreage of each of the features on the map. Please also provide a jurisdictional delineation for any areas being developed to the west of Meadowbrook Road. As stated previously, the Department is requesting that total project impacts incurred to date, as well as those of the larger, overall, project scope (which includes the area to the west of Meadowbrook Road) be identified and disclosed to the Department.**

2729 Prospect Park Drive, Suite 220 • Rancho Cordova, CA 95670 • P: (916) 361-8384 • F: (916) 361-1574

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Based on a review of historic aerial photographs, two (2) ephemeral streams and one (1) shrub wetland occurred onsite prior to the site activities. The ephemeral stream was characterized by wet meadow vegetation, and the shrub wetland was a nearly homogenous stand of willow (*Salix* spp.). In addition, two (2) springs occurred on adjacent parcels (977 and 995 Meadowbrook Road), and were also dominated by willow. Both springs drained into the onsite jurisdictional features through open water channels, dominated by wet meadow vegetation. The enclosed **Figure 2** depicts the location of historic jurisdictional features onsite.

During the site activities a 30" corrugated metal pipe was placed within the ephemeral drainage and backfilled, and the majority of the shrub wetland was cleared and grubbed. While excavating the foundation at 977 Meadowbrook Road, a spring was encountered. To prevent damage to the foundation and maintain the natural drainage pathway, approximately 188 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features. While grading the house pad on 995 Meadowbrook Road, a second spring was revealed. To prevent damage to the foundation of this residence and maintain the natural drainage pathway, approximately 75 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features. Please refer to the enclosed **Site Plan**, provided by Kadtec.

The impact analysis determined that approximately 0.26 acre of shrub wetland, 0.005 acre of springs, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels were impacted by recent site activities. To offset these impacts the Permittee is proposing to construct a 0.313-acre restoration area onsite. Due to the location of the spring heads, adjacent to foundation footings, it is not feasible to open up these features all the way to their point of origin. However, it is proposed that the 4" drainage pipes be removed, and two (2) 12" channels be created to restore the historic spring drainages. As a result of these activities, approximately 0.005 acre of springs and 34 linear feet of spring drainage channels will be permanently impacted. The proposed restoration area will include approximately 0.29 acre of shrub wetland, 0.023 acre of wet meadow wetland, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels.

Please see the enclosed **Site Plan** for details regarding the existing site conditions, as well as proposed structures on and adjacent to the property. No additional impacts to jurisdictional waters are anticipated as a result of future development plans; however, all appropriate local, state, and federal permits will be obtained prior to any future development activities, as necessary.

The enclosed **Stream Bed Grading Plan** provided by Kadtec, depicts the proposed location and configuration of the restored streambed and associated jurisdictional features. In addition, the enclosed **Figure 3** depicts the proposed extent and location of vegetation types within the restoration area.

2. **Please clarify if the headwall will remain in place? As previously requested, please provide copies of your authorizations for the installation of the headwall.**

The headwall and associated 30" corrugated metal pipe will be removed in association with the restoration plan (**Stream Bed Grading Plan**).

3. **Regarding the Habitat Mitigation and Monitoring Plan: (1) please provide a map detailing areas where riparian restoration will occur, where wet meadow restoration will occur, and where spring restoration will occur; (2) please remove *Nassella pulchra*, *Baccharis pilularis*, and *Carex barbarae* from the species list. Please specify the sub specific epithet of *Juncus balticus*, and the specific epithet and sub specific epithet (where necessary) for *Eriogonum*, *Lupinus*, *Artemesia*, and *Chrysothamnus*; (3) the HMMP notes that areas "requiring hydroseeding/planting will be determined and delineated by the project engineer..." Please note that the Department will request copies of the habitat restoration qualifications of the selected engineer. The Department encourages oversight by a habitat restoration ecologist with expertise in the local area; (4) please note that the Department will request that the mitigation areas contain no more than 5% nonnative plant species, and that there is a documented absence of all plant species with rates of dispersal and establishment listed as "High" or "Moderate" on the California Invasive Plant Inventory; (5) the Department may request different success criteria to those specified in the HMMP; and (6) monitoring methods should include accepted quantitative methodologies.**

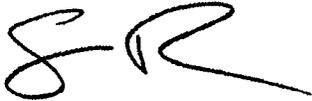
The **Habitat Mitigation and Monitoring Plan (HMMP)** has been updated to incorporate the requested changes (enclosed).

4. **As previously requested, please provide photographic documentation supporting your statement that "Old culverts associated with the springs were removed and replaced to maintain the existing site hydrology..." The Department requested an analysis of historic and recent aerial photography to support this statement. No information related to this request has been provided to the Department. Please submit this information.**

The locations of the springs and their associated drainages have been mapped, and are depicted on the enclosed **Figure 2**. Additionally, impacts to these features have been quantified and compensated for in the proposed restoration plan (**HMMP**).

Please do not hesitate to contact me at (916) 517-4496 or spardo@pmcworld.com with any questions regarding the information contained herein.

Sincerely,



Summer Pardo
Associate Biologist

Enclosures

Cc: Bill Moller, President – Arimol Group, Inc.
Gerald Montgomery, Principal – Montgomery & Assoc.
Bryant Bergeson, Principal - Kadtec
Joyce Hunting, Biological Services Director - PMC

New Residences at 1031 Meadowbrook Road
Notification No.: 1600-2012-0050-R6

Habitat Mitigation and Monitoring Plan for Affected Jurisdictional Waters 1031 Meadowbrook Road Project

Project Description

The project site comprises one parcel (APN: 033613402), and encompasses approximately 1.8 acres. The site is located at 1031 Meadowbrook Road, Lake Arrowhead, California. Additionally, the project is located within the San Bernardino National Forest, approximately 1.25 miles south of Lake Arrowhead, west of State Road 173, and north of Rim of the World Highway (**Figure 1**).

Based on a review of historic aerial photographs, two (2) ephemeral streams and one (1) shrub wetland occurred onsite prior to the site activities. The ephemeral stream was characterized by wet meadow vegetation, and the shrub wetland was a nearly homogenous stand of willow (*Salix* spp.). In addition, two (2) willow-dominated springs occurred on adjacent parcels (977 and 995 Meadowbrook Road). Both springs drained into the onsite jurisdictional features through open water channels, dominated by wet meadow vegetation. The enclosed **Figure 2** depicts the location of historic jurisdictional features on and adjacent to the parcel.

During the site activities a 30" corrugated metal pipe was placed within the ephemeral drainage and backfilled. Additionally, the majority of the shrub wetland was cleared and grubbed. While excavating the foundation at 977 Meadowbrook Road, a spring was encountered. To prevent damage to the foundation and maintain the natural drainage pathway, approximately 188 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features. While grading the house pad on 995 Meadowbrook Road, a second spring was revealed. To prevent damage to the foundation of this residence and maintain the natural drainage pathway, approximately 75 feet of 4" drainage pipe was installed and connected to the onsite jurisdictional features.

The site activities described above resulted in alterations to the natural hydrologic patterns through channelization of surface water flow across the property. In order to offset any impacts to onsite and offsite surface waters that could have resulted from the hydrologic alterations, the Permittee is proposing to create an onsite restoration area that will restore the natural drainage patterns. Details regarding the proposed streambed recontouring and restoration can be found on the enclosed **Stream Bed Grading Plan**.

Restoration Plan

The purpose of this Habitat Mitigation and Monitoring Plan is to outline the processes required to restore the functional value of the impacted jurisdictional features in accordance with Order #6 of California Regional Water Quality Control Board (Board) Cleanup and Abatement Order No. R6V-2012-0008, and Measure 3.2 of California Department of Fish and Game (DFG) Streambed Alteration Agreement 1600-2011-0244-R6. Per the requirements of these permits, impacts to jurisdictional areas will be restored to pre-project conditions.

The impact analysis determined that approximately 0.26 acre of shrub wetland, 0.005 acre of springs, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels were impacted by recent site activities. To offset these impacts the Permittee is proposing to construct a 0.313-acre restoration area onsite. Due to the location of the spring heads, adjacent to foundation footings, it is not feasible to open up these features all the way to their point of origin. However, it is proposed that the 4" drainage pipes be removed, and two (2) 12" channels be created to restore the historic spring drainages. As a result of these activities, approximately 0.005 acre of springs and 34 linear feet of spring drainage channels will be permanently impacted. The proposed restoration area will include approximately 0.29 acre of shrub wetland, 0.023 acre of wet meadow wetland, 611 linear feet of ephemeral stream channel, and 399 linear feet of spring drainage channels.

The wet meadow and spring drainages will be planted on 1- to 3-foot centers (dependent on source materials and species requirements) utilizing a mixture of the native plant species provided in **Table 1** (below) as available from local sources. In addition, willow cuttings will be used to revegetate the shrub wetland section of the restoration area. Whip cuttings will be taken from the remaining onsite population of willows, and installed to a depth at or near the water table, on 4' centers. If the onsite population of willows is not sufficient to provide the whip cuttings needed to revegetate the shrub wetland area, then supplemental plantings will be acquired from local sources. A formal planting plan will be developed by a qualified habitat restoration specialist, based on local availability of native plants, and submitted to the Board and DFG 30 days prior to initiation of revegetation activities.

Disturbed soil surfaces that result from the restoration activities will be planted to prevent erosion and facilitate revegetation. Prior to planting the following steps will be taken.

- Remove all construction debris and stockpiled materials.
- Regrade area to a contour that would improve restoration potential of the site.
- Rough soil to accept plant installation.
- Plant the restoration area.

TABLE 1 – SPECIES ASSEMBLAGES¹

Accepted Taxon	Vernacular Name	Habit
<i>Allium parryi</i>	Parry's fringed onion	Perennial herb
<i>Alopecurus aequalis</i>	Shortawn foxtail	Perennial herb
<i>Artemisia douglasiana</i>	California mugwort	Perennial herb
<i>Athyrium filix-femina</i>	Common ladyfern	Fern
<i>Barbarea orthoceras</i>	American rocket	Perennial herb
<i>Bidens frondosa</i>	Devil's beggartick	Annual herb
<i>Brodiaea terrestris</i> ssp. <i>kernensis</i>	Kern brodiaea	Perennial herb
<i>Bromus hallii</i>	Hall's brome	Perennial herb
<i>Calochortus palmeri</i>	Palmer's mariposa lily	Perennial herb
<i>Camissoniopsis hirtella</i>	Camissonia hirtella	
<i>Ceanothus vestitus</i>	Mojave ceanothus	Shrub
<i>Circaea alpina</i> ssp. <i>pacifica</i>	Pacific enchanter's nightshade	Perennial herb
<i>Cornus sericea</i> ssp. <i>occidentalis</i>	Western dogwood	Shrub
<i>Cornus sericea</i> ssp. <i>sericea</i>	American dogwood	Shrub
<i>Cyperus squarrosus</i>	Bearded flatsedge	Annual herb
<i>Elymus glaucus</i> ssp. <i>glaucus</i>	Western rye grass	Perennial herb
<i>Epilobium ciliatum</i>	Fringed willowherb	Perennial herb
<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	Northern willowherb	Perennial herb
<i>Epilobium ciliatum</i> ssp. <i>glandulosum</i>	Glandular willowherb	Perennial herb
<i>Epilobium glaberrimum</i> ssp. <i>glaberrimum</i>	Smooth willowherb	Perennial herb
<i>Equisetum arvense</i>	Common horsetail rush	Fern
<i>Eriastrum densifolium</i> ssp. <i>densifolium</i>	Giant eriastrum	Perennial herb
<i>Eriogonum nudum</i> var. <i>pauciflorum</i>	Naked buckwheat	Shrub
<i>Eriogonum wrightii</i> var. <i>subscaposum</i>	Bastardsage	Perennial herb, Shrub
<i>Gilia capitata</i> ssp. <i>abrotanifolia</i>	Bluehead gilia	Annual herb
<i>Glyceria elata</i>	Tall mannagrass	Perennial herb
<i>Iris missouriensis</i>	Rocky mountain iris	Perennial herb
<i>Juncus bufonius</i>	Common toad rush	Annual herb
<i>Juncus effusus</i>	Bog rush	Perennial herb
<i>Juncus ensifolius</i>	Swordleaf rush	Perennial herb
<i>Juncus mexicanus</i>	Mexican rush	Perennial herb
<i>Juncus nevadensis</i> var. <i>nevadensis</i>	Nevada rush	Perennial herb

Accepted Taxon	Vernacular Name	Habit
<i>Leptosiphon ciliatus</i>	Whiskerbrush	Annual herb
<i>Lupinus lepidus</i> var. <i>confertus</i>	Clustered tidy lupine	Perennial herb
<i>Luzula comosa</i>	Pacific woodrush	Perennial herb
<i>Maianthemum racemosum</i>	Feathery false lily of the valley	Perennial herb
<i>Mimulus guttatus</i>	Yellow monkeyflower	Annual, Perennial herb
<i>Mimulus moschatus</i>	Muskflower	Perennial herb
<i>Monardella australis</i>	Southern monardella	Perennial herb
<i>Monardella breweri</i> ssp. <i>lanceolata</i>	Mustang mint	Annual herb
<i>Montia chamissoi</i>	Spring beauty	Perennial herb
<i>Muhlenbergia filiformis</i>	Slender muhly	Annual, Perennial herb
<i>Nemophila menziesii</i> var. <i>integrifolia</i>	Baby blue eyes	Annual herb
<i>Oenothera elata</i>	Hooker's evening primrose	Perennial herb
<i>Phacelia curvipes</i>	Washoe phacelia	Annual herb
<i>Piperia unalascensis</i>	Rein orchid	Perennial herb
<i>Poa secunda</i>	Sandberg bluegrass	Perennial herb
<i>Potentilla gracilis</i>	Slender cinquefoil	Perennial herb
<i>Prunella vulgaris</i> var. <i>lanceolata</i>	Mountain selfheal	Perennial herb
<i>Pseudognaphalium microcephalum</i>	-	Perennial herb
<i>Pseudognaphalium stramineum</i>	Cottonbatting plant	Perennial herb
<i>Ranunculus californicus</i>	California buttercup	Perennial herb
<i>Ribes nevadense</i>	Sierra currant	Shrub
<i>Rosa californica</i>	California wildrose	Shrub
<i>Rubus parviflorus</i>	Western thimbleberry	Vine, Shrub
<i>Saltugilia splendens</i> ssp. <i>grantii</i>	-	Annual herb
<i>Scirpus microcarpus</i>	Panicled bulrush	Perennial herb
<i>Stipa latiglumis</i>	Wide-glumed needle grass	Perennial herb
<i>Stipa occidentalis</i>	-	Perennial
<i>Turritis glabra</i>	Tower rockcress	Perennial herb
<i>Trifolium variegatum</i> var. <i>variegatum</i>	Variegated clover	Annual herb
<i>Viola adunca</i>	Dog violet	Perennial herb

¹ The species assemblage provided in Table 1 was generated utilizing the CalFlora *What Grows Here* online database, and filtered for native wetland-riparian species in Lake Arrowhead, California.

To ensure that the onsite restoration activities do not result in any adverse impacts to water quality, the Best Management Practices (BMP) will be installed per the Stormwater Pollution Prevention Plan (SWPPP) dated April 13, 2012, as submitted to the Board. In addition, the streambed restoration will occur in three (3) phases to ensure that no sediment laden water leaves the site. Please see **BMP Erosion Control Plan** for phase locations. In each phase the 30" corrugated metal pipe will be removed and that segment of the restoration area will be constructed. Work within the restoration area will only occur when running water is absent and five (5) consecutive days of good weather is confirmed.

Maintenance

Short-term Maintenance Activities (First Five Years)

The ephemeral stream will be inspected annually for species on the California Invasive Plant Council (Cal-IPC) list of invasive plants. If invasive species are identified, the Permittee, or subsequent responsible party, will cooperate with state and federal agencies in order to develop appropriate eradication efforts.

All planted areas will be inspected annually. If plant survival and/or vegetative cover are not progressing toward success criteria, additional planting will occur. However, time for natural recruitment and recolonization should be allowed prior to initiating remedial planting activities.

During the initial establishment period, erosion control measures will be installed and maintained to ensure excessive erosion and sedimentation does not occur. These measures will be instituted in accordance with the April 13, 2012 SWPPP and **BMP Erosion Control Plan** (attached); however, inspections and repairs may be necessary and shall be rectified as soon as problems are identified.

Long-term Maintenance Activities

As the vegetation matures and natural recruitment initiates, the restoration area will likely become more resistant to invasion by invasive plants. Regular inspections of the site by the Permittee, subsequent responsible parties, or their designated contractor will likely identify plants that fall under the Cal-IPC listings. These parties will cooperate with state and federal agency representatives to develop appropriate eradication efforts.

Monitoring

Success Criteria

The restoration area will be deemed successful when the following criteria are achieved:

- No topographic degradation such as excessive erosion or sedimentation occurs.
- The percent cover of native vegetation within the restoration area achieves 60-80%.
- Non-native vegetation represents less than 5% cover.
- There is a documented absence of plant species with rates of dispersal and establishment listed as "Moderate" or "High" on Cal-IPC.
- The primary channel of the stream is inundated at a depth, duration, and frequency sufficient to support the planned ephemeral stream habitat type.

Monitoring Methods

Monitoring of the restoration area will take place for five (5) consecutive calendar years, or until final success criteria are achieved. Vegetative cover and hydrology will be monitored by a qualified wetland biologist with experience in mitigation monitoring.

During each monitoring event a quantitative analysis of percent vegetative cover across the entire restoration area will be conducted. Transects and sampling points will be established during the baseline monitoring event to ensure adequate coverage of the various components within the restoration area. A 1x1 meter quadrangle (quad) will be utilized at each sampling point to estimate percent cover by species. Data collected for each quad will then be summarized and the average percent cover by species calculated. Additionally, photo documentation of the existing site conditions will be taken.

Due to the flashy, episodic nature of ephemeral streams in the region, indicators of Ordinary High Water can be unreliable. In order to ensure the system is functioning properly, data will be collected during the annual monitoring event regarding the presence and location of indicators associated with the active floodplain. Data regarding indicators of the active floodplain will be collected per the US Army Corps of Engineers' *A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the United States* (August 2008).

Reporting

Monitoring reports will be submitted to document restoration progress and determine if the mitigation success criteria have been met. Reports will be submitted on an annual basis and include:

- The previous and current year's site conditions.
- Maintenance activities that are proposed or have occurred, if any.
- The current year's photo documentation.
- A map identifying photopoint, transect, and sampling point locations.

A baseline monitoring report will be submitted to the Board and DFG within 30 days of the completion of the restoration activities. All subsequent monitoring reports will be submitted one year from the date on the baseline report.

Completion of Mitigation

Restoration activities shall be considered complete when the success criteria outlined above are met. Upon achievement of the success criteria, the Permittee or subsequent responsible party will notify the state and federal agencies in writing. Following receipt of this notification the agencies may arrange a site visit to confirm fulfillment of the mitigation requirements.

Scott Lane

From: Kemper, Lauri@Waterboards
Sent: Friday, August 03, 2012 8:41 AM
To: Phillips, Rebecca@Waterboards
Cc: Plaziak, Mike@Waterboards; Copeland, Patrice@Waterboards; Zimmerman, Jan@Waterboards; Ferguson, Scott@Waterboards; Scorallo, Lisa@Waterboards; Curtis, Chuck@Waterboards
Subject: FW: News story - Serenity Lodge

Rebecca – please include in clippings

To all on the cc list - FYI

From: Smith, Kathie@Waterboards
Sent: Thursday, August 02, 2012 3:35 PM
To: Kemper, Lauri@Waterboards
Subject: News story

Hi Lauri, Just ran across this and thought you might be interested.

http://www.mountain-news.com/news/article_eca9de00-dcb6-11e1-8cf4-001a4bcf887a.html

Kathie

Kathie A. Smith
Public Information Officer
State Water Resources Control Board
(916) 341-5263
kasmith@waterboards.ca.gov

Wetlands Restoration Plan Submitted

By Mike Harris, Reporter | Posted: Thursday, August 2, 2012 8:32 am

A revised plan detailing how Arimol Group, Inc. will restore the natural streambed and wetlands area on its Lake Arrowhead development project is being reviewed by geologists and scientists with Lahontan Regional Water Quality Control Board.

Arimol Group, owner of the property located at the northeast corner of Meadowbrook Road and Cedar Court in Crest Park, has been under a notice of violation of cleanup and abatement order from the water quality board.

The order involving the property at 1031-A Meadowbrook Road requires Arimol Group, and its president, Bill Moller of Rancho Palos Verdes, to clean up and abate the discharge and threatened discharge of waste earthen materials to surface waters of the Mojave Hydrologic Unit from the development.

The order also requires Arimol Group to submit technical reports addressing past and proposed site development and associated environmental impacts. The order also requires restoration plans for surface waters that have been affected by Arimol's development activities.

"We are currently reviewing the surface water restoration plan," said Mike Plaziak, supervising engineering geologist and Victorville office manager for Lahontan Regional Water Quality Control Board.

The agency received Arimol Group's revised plan on July 25. The company hired a biologist, and it was the biologist who put together the report, Plaziak said.

"What we're expecting is a restoration plan that will put the stream back into its natural course," he said. "Currently it's in a pipe."

There are also two springs on the property that have been channeled into a pipe. That needs to be corrected as well, he said.

The restoration plan also needs to detail how the wetlands area on the property will be restored.

Plaziak said the wetlands area was completely grubbed, meaning all vegetation had been removed.

"That's the real thing they need to do, restore it," he said.

Under the order, Arimol Group was required to apply for statewide general permit for storm water general construction activity. The company also needed to provide a fully signed copy of its storm water pollution prevention plan (SWPPP).

"They have done both of those requirements," Plaziak said.

Lahontan staff is planning on doing an inspection on the property early next week, he said.

“We will coordinate with (California) Fish and Game, and get back with Arimol and tell them if it (the restoration plan) is sufficient or not,” Plaziak said.

The violations identified in the Lahontan order are subject to enforcement action, including assessing administrative civil liabilities. The violations sited by the water agency are subject to liabilities of up to \$1,000, \$5,000 and \$10,000 per violation for each day of violation.

AGENDA – ARIMOL MEETING
August 22, 2012

- Introductions
- Purpose of the meeting:
 - **Remove headwall and pipe culvert forthwith**
 - Restore to pre-development conditions along historic streambed
 - Restore along blue line presented on Figure 2 of submittal
 - Survey restored stream location. Must match Figure 2 blue line
 - Redefine wetland area to include all wetlands
 - Use appropriate BMPs

Scott Lane

From: Copeland, Patrice@Waterboards
Sent: Thursday, August 23, 2012 3:21 PM
To: Ferguson, Scott@Waterboards; Scorallo, Lisa@Waterboards
Cc: Zimmerman, Jan@Waterboards
Subject: FW: 1600-2012-0050-R6 - New Residences at 1031 Meadowbrook Road
Attachments: 1600-2012-0050-R6 - New Residences at 1031 Meadowbrook Road

Here are DFG comments on the "plans" such as they are....

Thank you,

Patrice

Patrice J. Copeland, P.G.

Senior Engineering Geologist
Chief, S. Lahontan Land Disposal Unit
Lahontan RWQCB
760.241.7404 – Direct
760.241.7308 – Fax
pcopeland@waterboards.ca.gov

8/200 I RECEIVED AUG 29 2012

CRWQCB REGS	
REC'D	JZ/PC
FILE	

Arimol Group Inc.

--PO Box 2895, Lake Arrowhead, CA 92352--

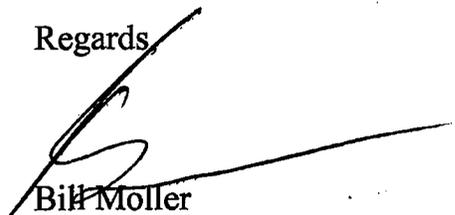
8/28/2012

As per our meeting last week per your order for us to remove the 30" culvert and grade the proposed Historical Streambed.

Enclosed are new plans we are submitting that include the surveyor's historical streambed layout. Upon your approval of plans dated 8/28/2012 we will proceed to obtain the grading plans from the building department from San Bernardino County.

Waiting for your approval and email acknowledgement.

Regards,



Bill Moller
Arimol Group Inc. President

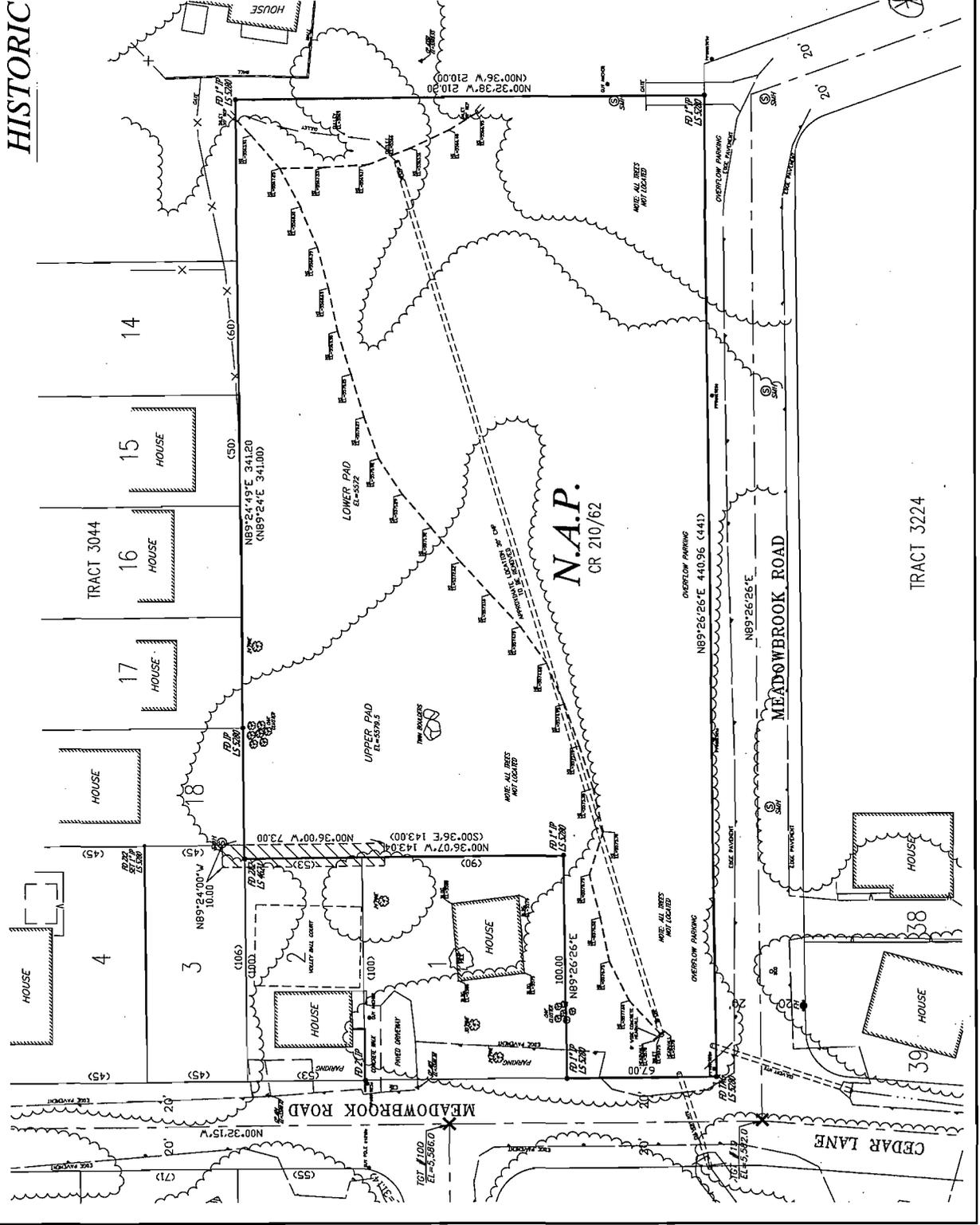
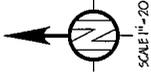
Acknowledge by email is sufficient:

State of California Water Board

Department Core of Engineers

Department of Fish & Game

HISTORIC STREAM LOCATION



SURVEYORS NOTES

1. ALL DISTANCES ARE IN FEET AND DECIMALS THEREOF.
2. ALL CORNERS SET BY MEASUREMENT AND PLUMB LINE (NO INSTRUMENT SET).
3. ALL CORNERS SET BY MEASUREMENT AND PLUMB LINE (NO INSTRUMENT SET).
4. ALL CORNERS SET BY MEASUREMENT AND PLUMB LINE (NO INSTRUMENT SET).
5. ALL CORNERS SET BY MEASUREMENT AND PLUMB LINE (NO INSTRUMENT SET).
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7. ALL CORNERS SET BY MEASUREMENT AND PLUMB LINE (NO INSTRUMENT SET).
8. ALL CORNERS SET BY MEASUREMENT AND PLUMB LINE (NO INSTRUMENT SET).

LEGAL DESCRIPTION

BEING A PORTION OF SECTION 28, T2N, 13W, SAN BERNARDINO BASE AND MERIDIAN, SAN BERNARDINO COUNTY, CALIFORNIA, DESCRIBED AS N.A.P., TRACT 3224, N.B. 1975-76, AS SHOWN ON THE RECORDS OF THE SAN BERNARDINO COUNTY SUPERVISORS OFFICE.

OWNER

LAND MANAGEMENT, INC.
 10000 W. 11th Street, Suite 100
 Los Angeles, CA 90024
 (310) 554-1234

SURVEYOR'S STATEMENT

THIS RECORDING STREAM LOCATION WAS PREPARED UNDER MY SUPERVISION ON AUGUST 12, 2012.

DATE: _____
 NAME: _____
 TITLE: _____



**ENVIRONMENTAL
 HIGH TECH
 ENGINEERING**

10000 W. 11th Street, Suite 100
 Los Angeles, CA 90024
 (310) 554-1234

BMP EROSION CONTROL PLAN

DATE	04/22/11
BY	BYRON R. BERGSON
SCALE	AS SHOWN
PROJECT	TRACT 3224

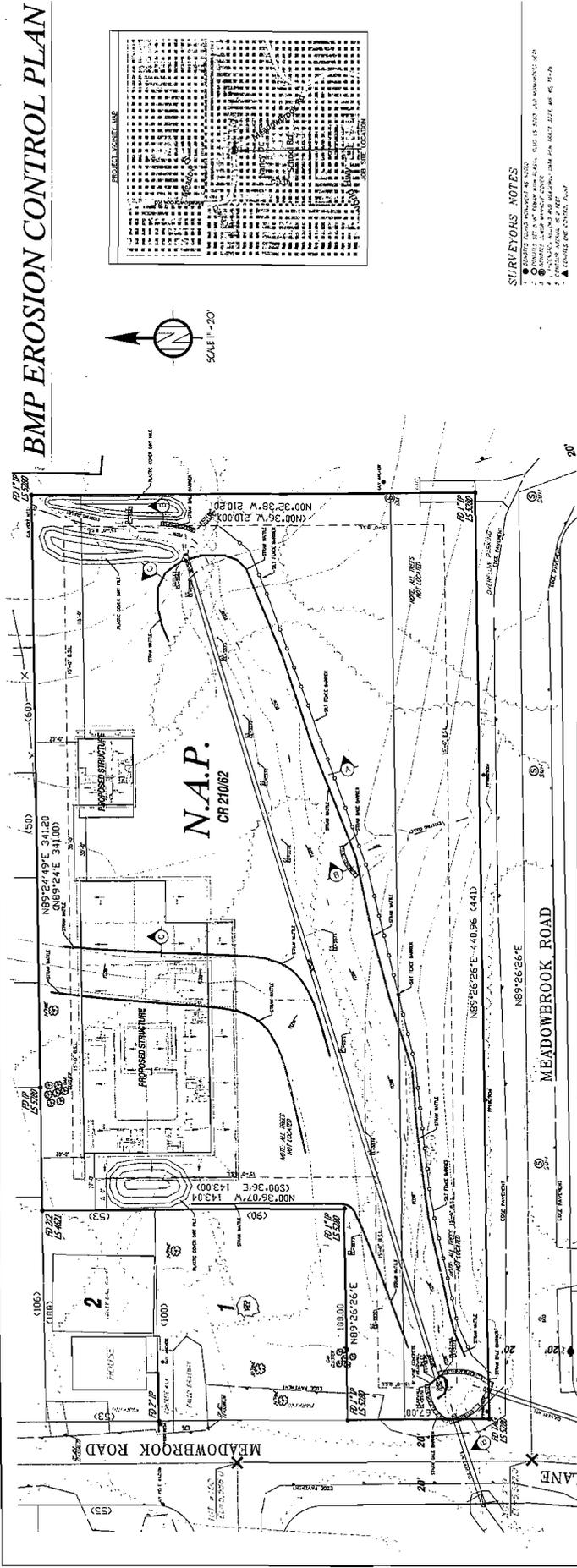
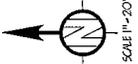
BYRON R. BERGSON
CONSULTING ENGINEER
P.O. BOX 6885
DUBLIN, CA 94568
(916) 237-2111 (FAX)

KADTEC
DRAFTING & DESIGN
1885
CITY, LANE ARROWHEAD, CA 92326
PHONE: (424) 634-2333
F-MAIL: mclad@kpad.com

OWNER: ARNOLD GROUP INC.
ADDRESS: 1025 N. MADROBROCK ROAD
CITY: CREST PARK, CA 92326
CONTRACTOR: [REDACTED]
PHONE: [REDACTED]

PROJECT: [REDACTED]
SHEET: [REDACTED]

SCALE: [REDACTED]
DATE: [REDACTED]
BY: [REDACTED]



SURVEYOR'S NOTES

1. ALL DISTANCES SHOWN ON THIS PLAN ARE IN FEET AND DECIMALS THEREOF.
2. ALL CORNERS ARE TO BE SET BY THE SURVEYOR.
3. ALL DISTANCES ARE TO BE MEASURED ALONG THE CENTERLINE OF THE ROAD.
4. ALL DISTANCES ARE TO BE MEASURED ALONG THE CENTERLINE OF THE ROAD.
5. ALL DISTANCES ARE TO BE MEASURED ALONG THE CENTERLINE OF THE ROAD.

LEGAL DESCRIPTION

BEING A PORTION OF SECTION 28, T24N, R34W, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: [REDACTED]

OWNER

ARNOLD GROUP INC.
1025 N. MADROBROCK ROAD
CREST PARK, CA 92326
PHONE: [REDACTED]

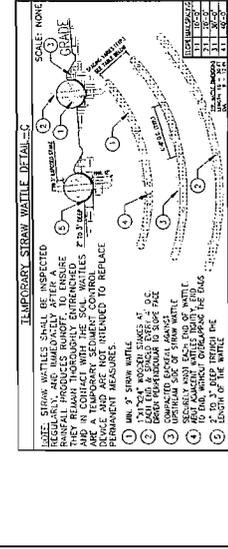
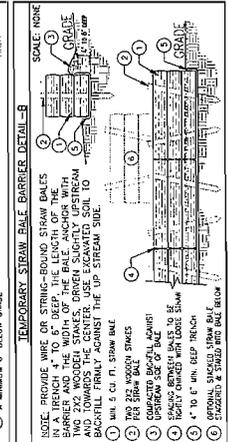
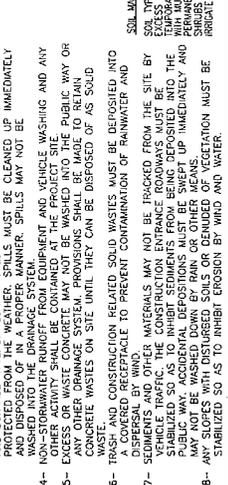
SURVEYOR'S STATEMENT

I, [REDACTED], A PROFESSIONAL SURVEYOR, HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND HAVE FOUND THAT THE SAME IS AS DESCRIBED IN THE LEGAL DESCRIPTION HEREOF.

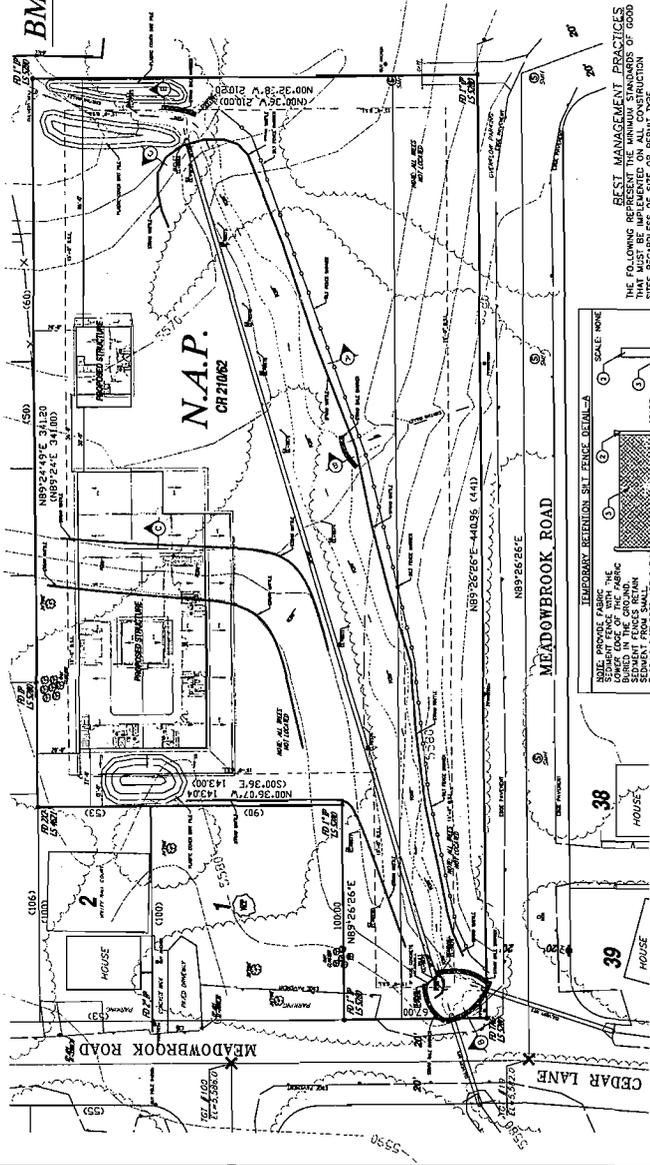
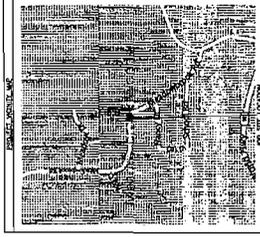
BEST MANAGEMENT PRACTICES

THE FOLLOWING REPRESENT THE MINIMUM STANDARDS OF GOOD HOUSEKEEPING TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT:

- 1- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE.
- 2- STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- 3- FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL OR WATER.
- 4- ALL WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- 5- TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO RECYCLED OR REUSABLE CONTAINERS TO PREVENT CONTAMINATION OF RUNOFF AND DISPERSED BY WIND.
- 6- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE MAINTAINED WITH WASHING STATIONS TO PREVENT TRACKING OF SOIL ONTO PUBLIC WAYS. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- 7- ANY SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.



BMP EROSION CONTROL PLAN



SURVEYORS' NOTES

1. ALL POINTS BY GPS SURVEY AND ALL DISTANCES BY TOTAL STATION SURVEY.
2. ALL DISTANCES BY TOTAL STATION SURVEY.
3. ALL DISTANCES BY TOTAL STATION SURVEY.
4. ALL DISTANCES BY TOTAL STATION SURVEY.
5. ALL DISTANCES BY TOTAL STATION SURVEY.
6. ALL DISTANCES BY TOTAL STATION SURVEY.

LEGAL DESCRIPTION

SECTION 16, T4N, R12E, S12E, SAN JOAQUIN COUNTY, CALIFORNIA
 BEING THE COUNTY OF SAN JOAQUIN, STATE OF CALIFORNIA
 MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 A 1/4 SECTION 16, T4N, R12E, S12E, SAN JOAQUIN COUNTY, CALIFORNIA
 MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 A 1/4 SECTION 16, T4N, R12E, S12E, SAN JOAQUIN COUNTY, CALIFORNIA

OWNER

MR. & MRS. J. W. SMITH
 12345 MAIN STREET
 SAN JOAQUIN, CA 95231

SURVEYOR'S STATEMENT

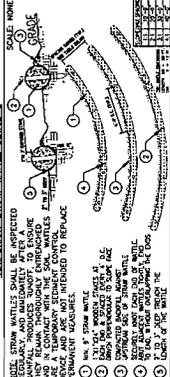
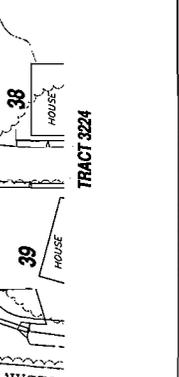
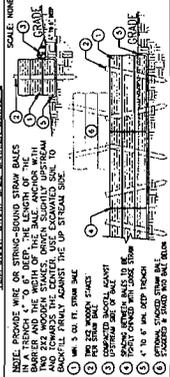
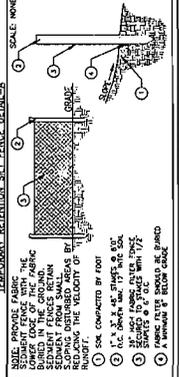
I, the undersigned, being a duly licensed Professional Engineer in the State of California, do hereby certify that I am the author of the foregoing drawings and that I am a duly licensed Professional Engineer in the State of California, License No. 12345.



ENVIRONMENTAL ENGINEERING
 12345 MAIN STREET
 SAN JOAQUIN, CA 95231
 (916) 123-4567

BEST MANAGEMENT PRACTICES

- THE FOLLOWING REPRESENT THE MINIMUM STANDARDS OF GOOD HOUSEKEEPING TO BE MAINTAINED AT ALL TIMES ON THE SITE REGARDLESS OF SIZE OR TENURE:
- 1- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE REMOVED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, OR DITCHES.
 - 2- STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND, WATER, OR OTHER MEANS.
 - 3- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN PROTECTED AREAS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND WASHED INTO THE DRAINAGE SYSTEM. WHEN SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM, THEY MUST BE DEPOSITED AND DISPERSED BY WIND.
 - 4- NON-STRIMMABLE RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND ANY EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR DRAINAGE SYSTEM. EXCESS OR WASTE CONCRETE MAY NOT BE DISPOSED OF AS SOLID WASTE.
 - 5- WASTE, INCLUDING CONSTRUCTION RELATED SOLID WASTE, MUST BE DEPOSITED AND DISPERSED BY WIND.
 - 6- WASTE, INCLUDING CONSTRUCTION RELATED SOLID WASTE, MUST BE DEPOSITED AND DISPERSED BY WIND.
 - 7- EXCESS SOIL, INCLUDING CONSTRUCTION RELATED SOLID WASTE, MUST BE DEPOSITED AND DISPERSED BY WIND.
 - 8- WASTE, INCLUDING CONSTRUCTION RELATED SOLID WASTE, MUST BE DEPOSITED AND DISPERSED BY WIND.



Zimmerman, Jan@Waterboards

From: Copeland, Patrice@Waterboards
Sent: Thursday, August 30, 2012 5:18 PM
To: Smith, Kathie@Waterboards
Cc: Plaziak, Mike@Waterboards; Kemper, Lauri@Waterboards; Kouyoumdjian, Patty@Waterboards; Zimmerman, Jan@Waterboards
Subject: Mountain News Newspaper Contact re: Arimol, Lake Arrowhead site
Attachments: RestorationPlan_082912.pdf

Kathie et al –

I was contacted today by Mike Harris, reporter for the Mountain News, regarding a site in Lake Arrowhead that we currently have issued a CAO (Order No. R6V-2012-0008). The developer is Arimol Group, Inc., with Bill Moller as President. Mr. Harris asked me about our August 29th letter (attached), requesting a revised restoration plan from Arimol that delineates more closely the historical location of the creek across the property.

I told Mr. Harris the following: we met with Moller here at the Victorville office (August 22, 2012); Fish and Game personnel participated via conference call. During this meeting Mr. Moller agreed to provide a revised restoration plan that more closely matched the historical creek location. Mike Plaziak, our Division Manager, wanted to get the restoration work started before the rainy season – we needed a way forward because the July 2012 submittal was incomplete/unacceptable. Mr. Moller submitted the new revised plans on August 29, 2012, (same day as our letter was issued). Mr. Harris asked about any enforcement actions and I told him about our administrative civil liability (ACL) case that we plan to bring to the board in November (Mr. Plaziak had previously let Mr. Moller know that this is coming his way). He asked about amounts of the penalties, but I told him our enforcement staff is working on the enforcement piece – I didn't specify the amount. He then asked what it could be, and I replied in the thousands or hundreds of thousands of dollars and pointed to the maximum liabilities that our board has previously assessed against others (in the millions of dollars). He asked if we could assess further penalties after we issue the ACL in November and I said it's possible if Moller continues not to comply with the CAO. He asked if Moller's attitude was cooperative during our meeting and I said yes. He then asked about what I thought of Moller's general motive for doing this project the way that he has and I said no comment (speculative). Mr. Harris will forward a link to the article to me and Mike Plaziak probably on Tuesday, Sept. 4th. Will be sure to forward the link up our chain when it comes to me.

Thank you,

Patrice

Patrice J. Copeland, P.G.
Senior Engineering Geologist
Chief, S. Lahontan Land Disposal Unit
Lahontan RWQCB
760.241.7404 – Direct
760.241.7308 – Fax
pcopeland@waterboards.ca.gov

Zimmerman, Jan@Waterboards

From: Scorable, Lisa@Waterboards
Sent: Friday, August 31, 2012 12:53 PM
To: kevin.white@lus.sbcounty.gov
Cc: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards
Subject: land use/zoning/property information request - 1031 995, 977, 986 and 974 meadowbrook

Hi Kevin

I work for the California Regional water quality control board, Lahontan region. We are bringing enforcement actions against the owner of several properties on Meadowbrook road in lake arrowhead. Specifically, i am seeking information on the Arimol Group, Inc./Bill Moller development project on Meadowbrook Road in Crest Park. I understand from the county website that there may be a fee for this request. If so, please send me an invoice with your responses to the following questions.

What is the planned use of each of the following properties: 1031, 995 977, 986, and 974 Meadowbrook Road, Lake Arrowhead.

I understand the 1031 parcel is zoned RS-14M. What does this designation mean? Are the other four parcels zoned the same? If not what zoning are they, and what does each designation mean?

What is the maximum number of residents/occupants allowed for each of these properties? What zoning/land use restrictions apply to the development?

I understand that six residences are planned on the five parcels, and four of the residences are nearing completion. Is this correct? What other structures, if any, are planned and what are the planned uses of each?

Has the owner applied for certificates of occupancy for any of these properties yet? If so, for which properties? When do you plan to issue them? What is the process required in order to obtain certificates of occupancy?

Thank you very much for your assistance. Please call me if you have any questions.

Sincerely,
lisa

Lisa Scorable, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lscorable@waterboards.ca.gov

Scott Lane

From: Copeland, Patrice@Waterboards
Sent: Thursday, September 06, 2012 5:29 PM
To: Ferguson, Scott@Waterboards
Subject: FW: FW: Authorization to Proceed for Partial Removal of Culvert/Headwall at Arimol's Meadowbrook Rd Property, Lake Arrowhead
Attachments: Authorization to Proceed for Partial Removal of Culvert/Headwall at Arimol's Meadowbrook Rd Property, Lake Arrowhead

Can pass this on to whomever is appropriate.

Thank you,

Patrice

Patrice J. Copeland, P.G.

Senior Engineering Geologist
Chief, S. Lahontan Land Disposal Unit
Lahontan RWQCB
760.241.7404 – Direct
760.241.7308 – Fax
pcopeland@waterboards.ca.gov

From: Jeff Brandt [<mailto:JBrandt@dfg.ca.gov>]
Sent: Thursday, September 06, 2012 5:23 PM
To: Copeland, Patrice@Waterboards
Cc: Jeff Brandt; Joanna Gibson; Zimmerman, Jan@Waterboards
Subject: Re: FW: Authorization to Proceed for Partial Removal of Culvert/Headwall at Arimol's Meadowbrook Rd Property, Lake Arrowhead

Thanks Patrice--you are good to go. We will follow your lead.

Jeff

Jeff Brandt
Department of Fish and Game
Habitat Conservation Branch
Inland Deserts Region

3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764
Phone: (909) 987-7161
Fax: (909) 481-2945
Email: JBrandt@dfg.ca.gov

>>> "Copeland, Patrice@Waterboards" <Patrice.Copeland@waterboards.ca.gov> 9/6/2012 5:10 PM >>>
Forgot to cc you guys. Too many plates to balance up in the air today! Sorry - also tried to call.

Thank you,

Patrice

Patrice J. Copeland, P.G.

Senior Engineering Geologist

Chief, S. Lahontan Land Disposal Unit

Lahontan RWQCB

760.241.7404 - Direct

760.241.7308 - Fax

pcopeland@waterboards.ca.gov

Scott Lane

From: Copeland, Patrice@Waterboards
Sent: Thursday, September 06, 2012 3:38 PM
To: mollacorp@aol.com; ehe.ls@verizon.net
Cc: Shannon.L.Pankratz@usace.army.mil; Zimmerman, Jan@Waterboards; Kemper, Lauri@Waterboards; Scoralie, Lisa@Waterboards; Plaziak, Mike@Waterboards; Ferguson, Scott@Waterboards
Subject: Authorization to Proceed for Partial Removal of Culvert/Headwall at Arimol's Meadowbrook Rd Property, Lake Arrowhead
Attachments: Header

Mr. Moller –

On August 29, 2012, Water Board staff received your revised plans regarding the Meadowbrook Road property and restoration of the main streambed across the property. Although the plans only roughly approximate the mapped “blue line” on Figure 2 of your July 2012 submittal, Water Board staff are authorizing you to proceed with removal of the headwalls and culvert pipe up to the N.G. 5574.19/F.G. 5572.63 line indicated on your “Streambed Grading Plan” received on August 29, 2012. As part of this activity, you must ensure that the remaining downstream pipe culvert is completely blocked off so that water can no longer enter this pipeline as it flows generally from west to east at the N.G. 5574.19 line. As stated in your submittal, you intend to obtain a grading permit from the County of San Bernardino before proceeding with this work.

Please notify us **at least 2 days** before the actual removal work will begin, as **Water Board staff must be onsite to perform oversight of this restoration action.** Please contact both Jan Zimmerman and myself via email / telephone and provide the restoration construction schedule complete with date(s) and time(s) that activities will occur. In addition, the plans submitted August 29, 2012, remain inaccurate/incomplete with respect to the restoration of the eastern and southern drainages as well as the northern most spring. In addition, you did not provide a cross-section drawing of the restored streambed; we ask that this be provided, along with the bottom elevations of the two culverts that enter the property at the southwestern corner. **Please note that this authorization to proceed is strictly restricted to the main truck of the streambed only.**

As discussed with you during our August 22, 2012 meeting, and as detailed in our August 29, 2012 letter to you, you are still in violation of Cleanup and Abatement Order R6V-2012-0008. Please provide the requested information specified in the CAO and the letter.

Thank you,

Patrice

Patrice J. Copeland, P.G.

Senior Engineering Geologist
Chief, S. Lahontan Land Disposal Unit
Lahontan RWQCB
760.241.7404 – Direct
760.241.7308 – Fax
pcopeland@waterboards.ca.gov

Scott Lane

From: Scoralle, Lisa@Waterboards
Sent: Thursday, September 13, 2012 5:10 PM
To: donald.baker@lus.sbcounty.gov
Cc: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Plaziak, Mike@Waterboards; Copeland, Patrice@Waterboards; Benedict, AnnaKathryn@Waterboards; Horner, Gerald@Waterboards; Dwiers, John - LUS (John.Dwiers@lus.sbcounty.gov)
Subject: arimol grading permit
Attachments: Authorization to Proceed for Partial Removal of Culvert/Headwall at Arimol's Meadowbrook Rd Property, Lake Arrowhead

Hi don

This afternoon when we spoke regarding the Arimol Meadowbrook Road project, you mentioned that the 1.8 acre parcel would be getting it's grading permit soon. Can you please verify what, **specifically**, Arimol will be allowed to do once they get the permit? **The water board authorized Arimol to take out the headwall and western portion of the stream culvert only**, per the attached directive from our Victorville office. We are **not** authorizing **any** other work, nor are we implying consent for any building, construction or other activities to proceed at the site.

Please clarify as soon as possible if this (western) portion of streambed restoration work, **and this work only**, is being permitted under the forthcoming grading permit.

Thank you,
lisa

Lisa Scoralle, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lscoralle@waterboards.ca.gov

From: Copeland, Patrice@Waterboards
Sent: Thursday, September 13, 2012 4:05 PM
To: Scoralle, Lisa@Waterboards; Benedict, AnnaKathryn@Waterboards; Horner, Gerald@Waterboards
Cc: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Plaziak, Mike@Waterboards
Subject: RE: arimol project

Lisa – I thought that the grading permit is only for creek/streambed restoration, not building any structures on that parcel. Moller never said anything about any buildings – and Water Board staff only approved the grading plan submitted August 29th for the western half of the streambed restoration. Could you please verify with county staff whether or not this is true?

Thank you,

Patrice

Patrice J. Copeland, P.G.

Senior Engineering Geologist
Chief, S. Lahontan Land Disposal Unit
Lahontan RWQCB
760.241.7404 – Direct
760.241.7308 – Fax
pcopeland@waterboards.ca.gov

From: Scorable, Lisa@Waterboards
Sent: Thursday, September 13, 2012 3:50 PM
To: Benedict, AnnaKathryn@Waterboards; Horner, Gerald@Waterboards
Cc: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards
Subject: arimol project

Anna Kathryn and Gerald

I just spoke with don baker of san Bernardino county building dept. he said the Arimol meadowbrook project will have a total of six residences, five of which have 6 bedrooms each (all variations of the same general floor plan), and the largest residence, about 10,300 square feet, will have 7 bedrooms. Four of the residences are nearly completion, and some of those may already have been finaled by now. The 1.8 acre parcel, that is planned for the final two residences (one 6 bdrm & one 7 bdrm), may be getting its grading permit soon.

lisa

Lisa Scorable, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lscorable@waterboards.ca.gov

Zimmerman, Jan@Waterboards

From: Joyce Hunting <jhunting@PMCWorld.com>
Sent: Friday, September 14, 2012 2:27 PM
To: Joanna Gibson
Subject: FW: Moller Historic Wetlands .jpeg
Attachments: Historic Wetlands.jpg

Joanna, hope all is well. We are fedexing a large scale map that has a aerial photo of the Moller property as the background to the grading plan that is both a restoration plan and denotes the extent of historic wetlands based upon their surveyors professional opinion. I have attached a small file so you can preview the same information with Figure 2 lines. It does appear the surveyors data is fairly accurate to me. I will give you a call next week to discuss. Have a good weekend. Joyce.

Joyce Grant Hunting
Director | Conservation Planning and Biological Services

PMC | 2729 Prospect Park Drive Suite 220, Rancho Cordova CA 95670
www.pmcworld.com

(916) 231-2265 (direct)

From

Scott Lane

From: Scorallo, Lisa@Waterboards
Sent: Friday, September 14, 2012 3:37 PM
To: Rahhal, Terri
Cc: mollabolla@yahoo.com; mollacorp@aol.com; Dwiers, John - LUS; Espalin, Ron; Kelly, Christine - LUS; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Plaziak, Mike@Waterboards; Kemper, Lauri@Waterboards; Benedict, AnnaKathryn@Waterboards; Ferguson, Scott@Waterboards; Curtis, Chuck@Waterboards; JGIBSON@dfg.ca.gov; Baker, Don - LUS
Subject: RE: grading
Attachments: arimol grading permit

Thank you Terri. I am cc'ing other water board staff and DFG on your response. For context, I have attached the original email I sent to Don yesterday that prompted his response.

lisa

Lisa Scorallo, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lscorallo@waterboards.ca.gov

From: Rahhal, Terri [<mailto:Terri.Rahhal@lus.sbcounty.gov>]
Sent: Friday, September 14, 2012 2:24 PM
To: Baker, Don - LUS; Scorallo, Lisa@Waterboards
Cc: mollabolla@yahoo.com; mollacorp@aol.com; Dwiers, John - LUS; Espalin, Ron; Kelly, Christine - LUS
Subject: RE: grading

Ms. Scorallo,

Please disregard any question of the Board's authority to issue and verify compliance with the Cleanup and Abatement Order. The County Land Use Services Department will continue to cooperate with the Board to ensure completion and implementation of the Surface Water Restoration Plan for the Meadowbrook Road property.

Terri Rahhal
Planning Director
San Bernardino County
Land Use Services Department
385 N. Arrowhead Avenue
San Bernardino, CA 92415
909-387-4518
terri.rahhal@lus.sbcounty.gov

From: Baker, Don - LUS
Sent: Friday, September 14, 2012 1:07 PM

To: 'lscoralle@waterboards.ca.gov'

Cc: mollabolla@yahoo.com; mollacorp@aol.com; Rahhal, Terri; Dwiers, John - LUS

Subject: grading

Lisa.

I am here, I have not responded as I was looking for the Building Official to ask him a question but it appears that he is off today.

My question to him was going to be how could your department refuse the owner of the property to build? they have submitted grading plans and were just waiting for your requirements and the Fish And Game department to resolve the streambed issue, the plans from you, which Bill Moller has shown me appears to be sufficient to approve. As soon as he submits the complete grading plan information required by the 2001 Appendix 33, California Building Code i should be able to approve them.

The building plans have already been submitted and the only thing holding them from being approved for construction is the grading plan approval and a plot plan showing the actual building location.

So my question to you is how can you refuse the owner from building on his property when he is in compliance with all the required codes.

*Don Baker, Plans Examiner
Building & Safety Division
Land Use Services Department
County of San Bernardino
(909) 387-8311
dbaker@lUSD.sbcounty.gov*

Zimmerman, Jan@Waterboards

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Sent: Friday, September 14, 2012 2:27 PM
To: Joanna Gibson
Subject: FW: Moller Historic Wetlands .jpeg
Attachments: Historic Wetlands.jpg

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Joyce Grant Hunting
Director | Conservation Planning and Biological Services

PMC | 2729 Prospect Park Drive Suite 220, Rancho Cordova CA 95670
www.pmcworld.com

(916) 231-2265 (direct)

From

Scott Lane

From: Scorallo, Lisa@Waterboards
Sent: Wednesday, September 19, 2012 5:39 PM
To: Mollacorp
Cc: Rahhal, Terri; mollabolla@yahoo.com; Dwiers, John - LUS; Espalin, Ron; Kelly, Christine - LUS; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Plaziak, Mike@Waterboards; Kemper, Lauri@Waterboards; Benedict, AnnaKathryn@Waterboards; Ferguson, Scott@Waterboards; Curtis, Chuck@Waterboards; JGIBSON@dfg.ca.gov; Baker, Don - LUS; Aquino, Nancy@Waterboards; lane@mmlawyers.com; bryant2662@yahoo.com; Gerald Montgomery
Subject: RE: grading

Thank you for the update bill.

Have you sent copies of the final, submitted set of plans to Jan for our review and files yet? If not, can you please send courtesy copies of the full set to Jan, myself, and Joanna Gibson at DFG? my mailing address is below. When I spoke to Don, he said he will be requesting water board and DFG's input prior to issuing the permit. Our offices should be receiving copies of everything anyway, and this will also help facilitate our review more quickly so as not to delay issuance of the permit.

Thanks,
lisa

Lisa Scorallo, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lscorallo@waterboards.ca.gov

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Sent: Wednesday, September 19, 2012 5:10 PM
To: Scorallo, Lisa@Waterboards
Cc: Rahhal, Terri; mollabolla@yahoo.com; Dwiers, John - LUS; Espalin, Ron; Kelly, Christine - LUS; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Plaziak, Mike@Waterboards; Kemper, Lauri@Waterboards; Benedict, AnnaKathryn@Waterboards; Ferguson, Scott@Waterboards; Curtis, Chuck@Waterboards; JGIBSON@dfg.ca.gov; Baker, Don - LUS; Aquino, Nancy@Waterboards; lane@mmlawyers.com; bryant2662@yahoo.com; Gerald Montgomery
Subject: Re: grading

Lisa

Yesterday we submitted the plans to the Dept of Building and Safety for review plan check to obtain the grading permit on the Streambed restoration. Don Baker stated it will take approximately 2 weeks to receive back. I will give everyone notice once we receive the grading permit as detailed in Waterboards and Dept of Fish and Game approvals

Bill

On Sep 14, 2012, at 3:36 PM, "Scorallo, Lisa@Waterboards" <Lisa.Scorallo@waterboards.ca.gov> wrote:

Thank you Terri. I am cc'ing other water board staff and DFG on your response. For context, I have attached the original email I sent to Don yesterday that prompted his response.

Lisa

Lisa Scorallo, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
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lscorallo@waterboards.ca.gov

From: Rahhal, Terri [<mailto:Terri.Rahhal@lus.sbcounty.gov>]
Sent: Friday, September 14, 2012 2:24 PM
To: Baker, Don - LUS; Scorallo, Lisa@Waterboards
Cc: mollabolla@yahoo.com; mollacorp@aol.com; Dwiers, John - LUS; Espalin, Ron; Kelly, Christine - LUS
Subject: RE: grading

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Terri Rahhal
Planning Director
San Bernardino County
Land Use Services Department
385 N. Arrowhead Avenue
San Bernardino, CA 92415
909-387-4518
terri.rahhal@lus.sbcounty.gov

From: Baker, Don - LUS
Sent: Friday, September 14, 2012 1:07 PM
To: 'lscorallo@waterboards.ca.gov'
Cc: mollabolla@yahoo.com; mollacorp@aol.com; Rahhal, Terri; Dwiers, John - LUS
Subject: grading

Lisa.

I am here, I have not responded as I was looking for the Building Official to ask him a question but it appears that he is off today.

My question to him was going to be how could your department refuse the owner of the property to build? they have submitted grading plans and were just waiting for your requirements and the Fish and Game department to resolve the streambed issue, the plans from you, which Bill Moller has shown me

appears to be sufficient to approve. As soon as he submits the complete grading plan information required by the 2001 Appendix 33, California Building Code i should be able to approve them.

The building plans have already been submitted and the only thing holding them from being approved for construction is the grading plan approval and a plot plan showing the actual building location.

So my question to you is how can you refuse the owner from building on his property when he is in compliance with all the required codes.

*Don Baker, Plans Examiner
Building & Safety Division
Land Use Services Department
County of San Bernardino
(909) 387-8311
dbaker@lusc.sbcounty.gov*

Zimmerman, Jan@Waterboards

From: Scoralle, Lisa@Waterboards
Sent: Friday, September 21, 2012 5:17 PM
To: Jeff Brandt
Cc: Joanna Gibson; Benedict, AnnaKathryn@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Ferguson, Scott@Waterboards
Subject: RE: Arimol 401 certification expenses avoided
Attachments: arimol parcel maps.pdf

Hi jeff

I think it would be fine to ask consultants you know of to give ballpark \$\$\$ on how much it would have cost to go through the permitting process, LSA/404/401, with CEQA for the arimol meadowbrook project. I would just ask that you provide the site location and conditions but no other specifics regarding our enforcement action and pending ACL. I don't think the JD is necessary, since the permit process would have required the wetlands delineation. I have attached the parcel maps we discussed. Below is some info on these properties.

4. Arimol Group, Inc. owns a 1.8-acre parcel located at the northeast corner of Meadowbrook Road and Cedar Court within the Crest Park neighborhood of Lake Arrowhead, San Bernardino County, California. The property located at 1031 Meadowbrook Road, at the northeast corner of Meadowbrook Road and Cedar Court, is hereafter referred to as the "Site." The Site is also known as San Bernardino County Assessor's Parcel Numbers (APN) Nos. 0336-134-02-0000. The president of Arimol Group, Inc. is Mr. Bill Moller.
5. In addition to the 1.8 acre parcel in Finding 4, the Site also includes four other contiguous and/or nearby parcels on Meadowbrook Road. Collectively, the Site is comprised of the following five parcels with a total of approximately 2.4 acres:

<u>Address</u>	<u>San Bernardino County APN</u>	<u>Approx. Parcel Size</u>	<u>Structures</u>
1031 Meadowbrook Rd 12,000 sf, 7 bdrm & +/-2,000 sf, 6 bdrm)	APN No. 0336-134-02-0000	1.8 acres	2 planned (+/-
995 Meadowbrook Rd bdrm near completion	APN No. 0336-134-03-0000	9,000 square feet	+/-2,000 sf, 6
977 Meadowbrook Rd* bdrm near completion*	APN No. 0336-134-05-0000*	4,770 square feet	+/-2,000 sf, 6
986 Meadowbrook Rd bdrm near completion	APN No. 0336-131-09-0000	+/-7,000 square feet	+/-2,000 sf, 6
974 Meadowbrook Rd bdrm near completion	APN No. 0336-131-08-0000	6,390 square feet	+/-2,000 sf, 6

*owner - meadowbrook cedar inc., all others are owned by arimol group, inc.

Jeff-the additional parcels owned by arimol that are shown on the ap maps are: 0336-132-01, -02 and -03, and 0336-136-01. One other, 0339-192-10, also owned by arimol (not shown on attached maps), is nearby on jewel drive.

Thanks,
Lisa

Lisa Scoralle, P.G.
Engineering Geologist

Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lscoralle@waterboards.ca.gov

From: Jeff Brandt [mailto:JBrandt@dfg.ca.gov]
Sent: Friday, September 21, 2012 2:42 PM
To: Scoralle, Lisa@Waterboards
Cc: Jeff Brandt; Joanna Gibson; Benedict, AnnaKathryn@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Ferguson, Scott@Waterboards
Subject: Re: Arimol 401 certification expenses avoided

Lisa--

Our staff haven't gone through a contact for DFG--but we receive applications from several consultants with experience in the mountain lakes communities. Do you mind if I forward your email to 3 of the consultants and ask them for a rough "estimate" of the costs to walk the project through the aquatic permits process? Do you need to focus specifically on the 401, or do you want costs for the LSA and 404 and general CEQA process too?

Next week we can look at the disclosed impacts--and we may be able to develop a forensic JD for the site. I need to coordinate with our GIS staff in Sac HQ--this may take a while.

Jeff

>> "Scoralle, Lisa@Waterboards" <Lisa.Scoralle@waterboards.ca.gov> 9/14/2012 11:23 AM >>>
Hi Joanna

I am working on the administrative civil liability complaint for Arimol Group, Inc. regarding the Meadowbrook project. Part of the methodology for the ACL process includes determining the economic benefit gained by Arimol for not following applicable laws and regulations. One such gain is that moller avoided the time and expenses of the entire 401 certification (dredge and fill) process required for such a project prior to altering any surface waters on the site. I have determined WB fees for reviewing and processing a 401 cert based on the following information on the surface waters (as quantified in the 6/20/2012 surface water restoration plan, not yet accepted): 611 ft of stream channel, 0.005 acres of springs, 399 lineal feet of spring drainage channel, and 0.26 acres of wetland. Do you have any more recent submittals from arimol providing estimated amounts other than these? If so, can you please send me a copy of the document? Do you have different quantities based on your office's assessment? And if so, do you feel comfortable providing them?

I am also trying to estimate as best I can how much it would have cost arimol to have hired a consultant to prepare all the documents required for 401 certification (ie the application and all associated studies and document submittals/CEQA/mitigated neg dec/etc.) tobi tyler here, who does 401 certs for our south lake tahoe office, told me your agency sometimes contracts these services out, so you or someone in your agency may have a reasonable idea what consultant services may have cost arimol to put everything together and work it thru the process to obtain 401 certification prior to breaking ground on a project such as meadowbrook.

Lastly, I am trying to quantify any impacts to surface waters on the site which, due to home construction, building foundations, patio slabs, etc., cannot be fully restored. In my opinion, the two springs cannot be fully restored to their pre-project conditions unless we required the new homes and associated patios to be removed or relocated. Do you agree? For arimol to have to mitigate for the two springs, bill orme - supervisor for 401 certs at the state board, told

me this likely would have required arimol to purchase credit(s) for the springs at a pond bank. Do you have any idea what such a purchase would have cost arimol to mitigate for the two springs impacted at the meadowbrook site?

Thank you very much for any assistance you can provide.

Lisa

Lisa Scorallo, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
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Jeff Brandt
Department of Fish and Game
Habitat Conservation Branch
Inland Deserts Region

3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764
Phone: (909) 987-7161
Fax: (909) 481-2945
Email: JBrandt@dfg.ca.gov

San Bernardino County
Parcel Map 0336-12

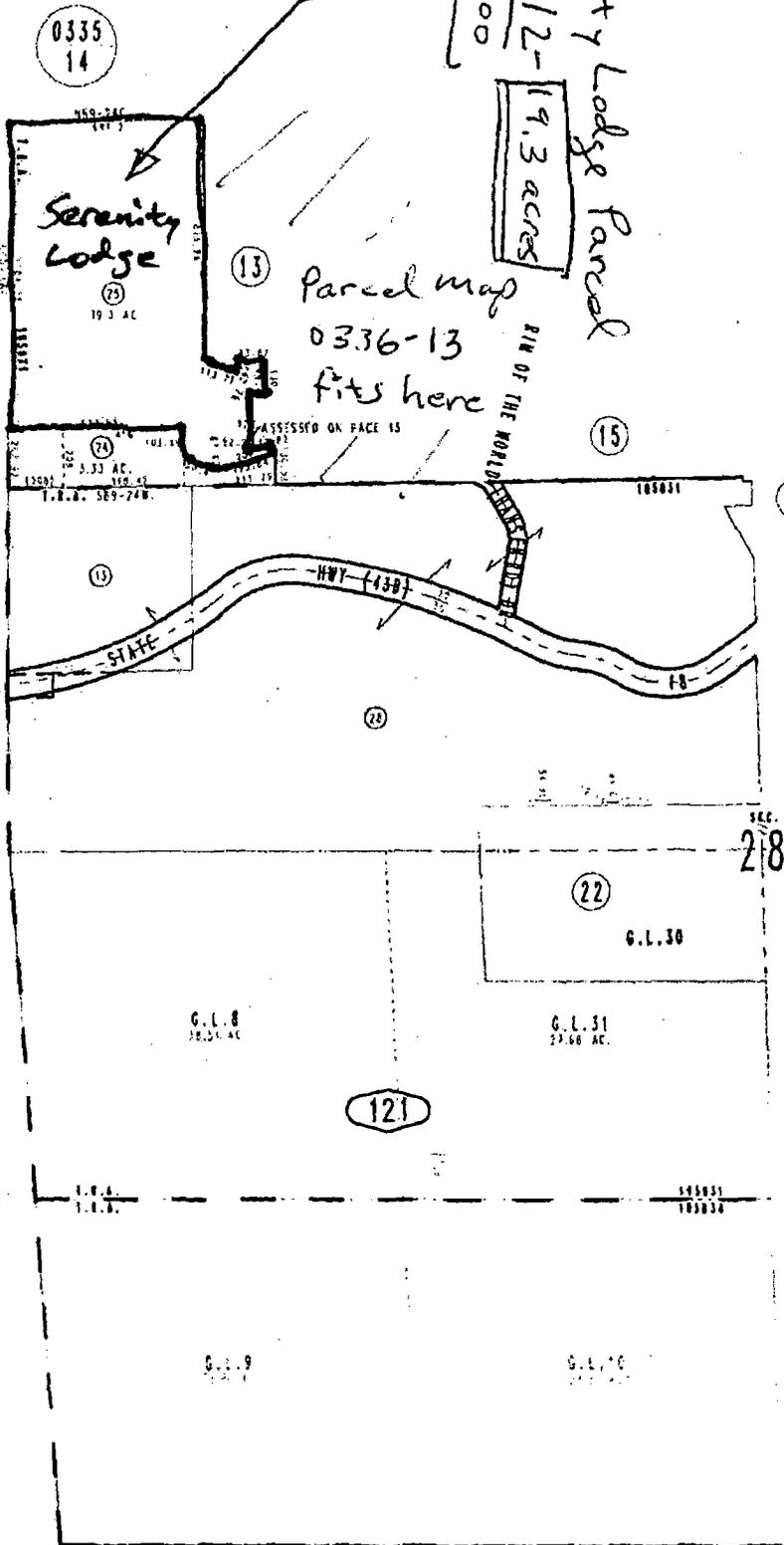
Ptn. W.1/2 Sec.28, T.2N.,R.3W., S.B.B.&M.

Rim of The World United 0336-12
Tax Rate Area
105031 105034 105071



MAP 15 OR THE SUPERIOR
AS VALUATION INFORMATION UNIT

Serenity Lodge Parcel
0336-12-19.3 acres
25-0000



San Bernardino County
 Parcel Map 0336-13

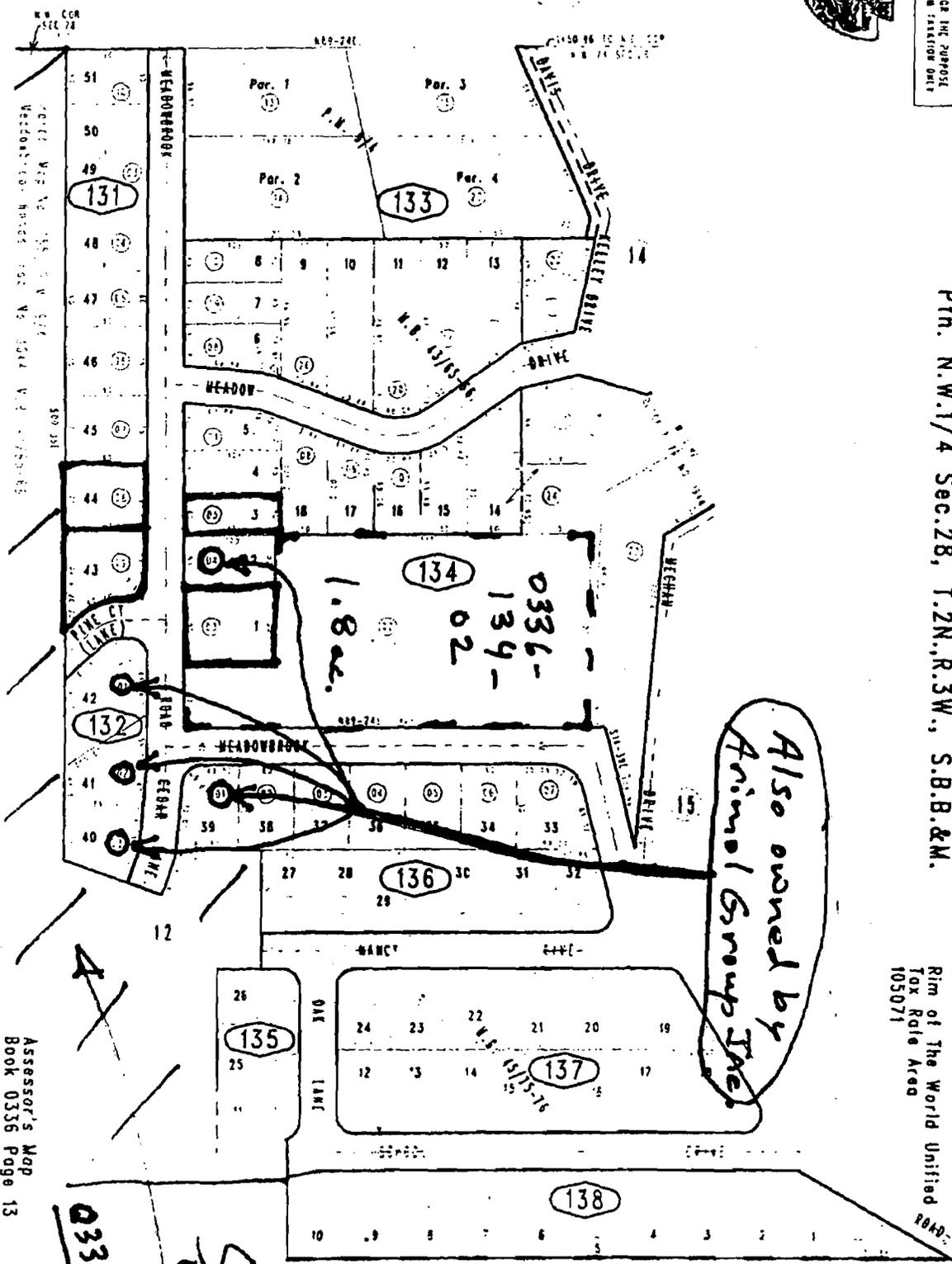
THIS IS FOR THE PURPOSE
 OF VALUATION TAXATION ONLY

Ptn. N.W.1/4 Sec.28, T.2N.,R.3W., S.B.B.&M.

Rim of The World United
 Tax Role Area
 105071



0335
 14



0336-13

Assessor's Map
 Book 0336 Page 13

Serenity
 Lodge
 Parcel
 0336-121-25

Zimmerman, Jan@Waterboards

From: Mollabolla@yahoo.com
Sent: Thursday, September 27, 2012 9:44 AM
To: Mollacorp
Cc: Scorable, Lisa@Waterboards; Rahhal, Terri; Dwiers, John - LUS; Espalin, Ron; Kelly, Christine - LUS; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Plaziak, Mike@Waterboards; Kemper, Lauri@Waterboards; Benedict, AnnaKathryn@Waterboards; Ferguson, Scott@Waterboards; Curtis, Chuck@Waterboards; JGIBSON@dfg.ca.gov; Baker, Don - LUS; Aquino, Nancy@Waterboards; lane@mmlawyers.com; bryant2662@yahoo.com; GeraldMontgomery
Subject: Re: grading

Lisa

Today I have sent USPS overnight to you, Jan Zimmerman and Joanna Gibson a complete set of plans that were submitted to Don Baker at Dept of Building and Safety for the grading permit on our project. The plans consist of 4 pages C-1 to C-4. Sending these for your review per your request.

Thx. Bill

Sent from my iPad

On Sep 19, 2012, at 6:34 PM, Mollacorp <mollacorp@aol.com> wrote:

Lisa

I will back in Lake Arrowhead next Weds. Will have Kadtec make 3 complete sets of our submittal to the Dept of Building and Safety and overnight to you, Victorville office and Dept of Fish and Game for review.

Bill

On Sep 19, 2012, at 5:39 PM, "Scorable, Lisa@Waterboards" <Lisa.Scoralle@waterboards.ca.gov> wrote:

Thank you for the update bill.

Have you sent copies of the final, submitted set of plans to Jan for our review and files yet? If not, can you please send courtesy copies of the full set to Jan, myself, and Joanna Gibson at DFG? my mailing address is below. When I spoke to Don, he said he will be requesting water board and DFG's input prior to issuing the permit. Our offices should be receiving copies of everything anyway, and this will also help facilitate our review more quickly so as not to delay issuance of the permit.

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lisa

Lisa Scorallo, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lscorallo@waterboards.ca.gov

From: Rahhal, Terri [mailto:Terri.Rahhal@lus.sbcounty.gov]
Sent: Friday, September 14, 2012 2:24 PM

To: Baker, Don - LUS; Scorallo, Lisa@Waterboards
Cc: mollabolla@yahoo.com; mollacorp@aol.com; Dwiers, John - LUS;
Espalin, Ron; Kelly, Christine - LUS
Subject: RE: grading

Ms. Scorallo,

Please disregard any question of the Board's authority to issue and verify compliance with the Cleanup and Abatement Order. The County Land Use Services Department will continue to cooperate with the Board to ensure completion and implementation of the Surface Water Restoration Plan for the Meadowbrook Road property.

Terri Rahhal
Planning Director
San Bernardino County
Land Use Services Department
385 N. Arrowhead Avenue
San Bernardino, CA 92415
909-387-4518
terri.rahhal@lus.sbcounty.gov

From: Baker, Don - LUS
Sent: Friday, September 14, 2012 1:07 PM
To: 'lscorallo@waterboards.ca.gov'
Cc: mollabolla@yahoo.com; mollacorp@aol.com; Rahhal, Terri; Dwiers, John - LUS
Subject: grading

Lisa,

I am here, I have not responded as I was looking for the Building Official to ask him a question but it appears that he is off today.

My question to him was going to be how could your department refuse the owner of the property to build? they have submitted grading plans and were just waiting for your requirements and the Fish And Game department to resolve the streambed issue, the plans from you, which Bill Moller has shown me appears to be sufficient to approve. As soon as he submits the complete grading plan information required by the 2001 Appendix 33, California Building Code i should be able to approve them.

The building plans have already been submitted and the only thing holding them from being approved for construction is the grading plan approval and a plot plan showing the actual building location.

So my question to you is how can you refuse the owner from building on his property when he is in compliance with all the required codes.

*Don Baker, Plans Examiner
Building & Safety Division*

Zimmerman, Jan@Waterboards

From: Summer Pardo <spardo@PMCWorld.com>
Sent: Friday, September 28, 2012 3:31 PM
To: jgibson@dfg.ca.gov
Cc: jhunting@pmcworld.com
Subject: Fwd: Historic Wet Features
Attachments: RE: Historic Wet Features

Hi Joanna,

Please see acreage calc below.

Summer Pardo
Associate Biologist
Sent via PMCWORLD mobile

----- Forwarded message -----

From: "Jonathan Faoro" <JFaoro@PMCWorld.com>
Date: Fri, Sep 28, 2012 15:13
Subject: Historic Wet Features
To: "Summer Pardo" <spardo@PMCWorld.com>

Zimmerman, Jan@Waterboards

From: Scoralle, Lisa@Waterboards
Sent: Monday, October 01, 2012 4:54 PM
To: Jeff Brandt
Cc: Joanna Gibson; Zimmerman, Jan@Waterboards; Ferguson, Scott@Waterboards; Copeland, Patrice@Waterboards
Subject: RE: (Need scope of work for consultant bid) Re: Arimol 401 certification expenses avoided

Hi jeff

Sorry, I was out for a few days. The only available info that I have regarding scope would be that described in the June 20, 2012 streambed restoration plan that was submitted by Arimol but was deemed inadequate. That plan gave 611 feet of stream channel, 0.005 acres of springs, 399 feet of spring drainage channel, and 0.26 acres of wetlands. I am not aware of a more recent submittal, either to your office or ours, that revises these figures.

We just received copies of the grading plans Arimol submitted to the county for their grading permit. I believe your office was also sent a set? Those may be of some help.

I know Joanna has done some in-house analysis on the preconstruction conditions. This is likely the best information available to determine scope. If you need something more from me, please let me know. Jan does 401 certs for our Victorville office, perhaps she can provide assistance with this.

Regarding the county, their fees (if any) associated with a 401 cert. and related documents, would be applicable with regard to Arimol's avoided costs, but unless their time would also ordinarily be charged, this would not constitute an avoided cost.

Water Board application fees for a 401 cert for the 611 feet of stream channel, two springs of 0.005 acre, 399 spring drainage channel and 0.26 acres of wetland, would be \$11,554. If Joanna has a set of different figures, please let me know what they are and I will recalculate the application fee.

Feel free to provide consultants with the site location (1031, 995, 986, 977 and 974 Meadowbrook Road, Lake Arrowhead) and building plan if applicable (five 2000 sf residences and one 10,000 sf residence, one small and the large residence of which are planned on 1031 Meadowbrook) for their cost analysis, but please do not provide any specifics regarding our enforcement.

My earlier email to Joanna is also pasted below, if this helps.

Thank you,
Lisa

.....
>> "Scoralle, Lisa@Waterboards" <Lisa.Scoralle@waterboards.ca.gov> 9/14/2012 11:23 AM >>>
Hi Joanna

I am working on the administrative civil liability complaint for Arimol Group, Inc. regarding the Meadowbrook project. Part of the methodology for the ACL process includes determining the economic benefit gained by Arimol for not following applicable laws and regulations. One such gain is that Moller avoided the time and expenses of the entire 401

certification (dredge and fill) process required for such a project prior to altering any surface waters on the site. I have determined WB fees for reviewing and processing a 401 cert based on the following information on the surface waters (as quantified in the 6/20/2012 surface water restoration plan, not yet accepted): 611 ft of stream channel, 0.005 acres of springs, 399 lineal feet of spring drainage channel, and 0.26 acres of wetland. Do you have any more recent submittals from arimol providing estimated amounts other than these? If so, can you please send me a copy of the document? Do you have different quantities based on your office's assessment? And if so, do you feel comfortable providing them?

I am also trying to estimate as best I can how much it would have cost arimol to have hired a consultant to prepare all the documents required for 401 certification (ie the application and all associated studies and document submittals/CEQA/mitigated neg dec/etc.) tobi tyler here, who does 401 certs for our south lake tahoe office, told me your agency sometimes contracts these services out, so you or someone in your agency may have a reasonable idea what consultant services may have cost arimol to put everything together and work it thru the process to obtain 401 certification prior to breaking ground on a project such as meadowbrook.

Lastly, I am trying to quantify any impacts to surface waters on the site which, due to home construction, building foundations, patio slabs, etc., cannot be fully restored. In my opinion, the two springs cannot be fully restored to their pre-project conditions unless we required the new homes and associated patios to be removed or relocated. Do you agree? For arimol to have to mitigate for the two springs, bill orme - supervisor for 401 certs at the state board, told me this likely would have required arimol to purchase credit(s) for the springs at a land bank. Do you have any idea what such a purchase would have cost arimol to mitigate for the two springs impacted at the meadowbrook site?

Thank you very much for any assistance you can provide.

Lisa

-----Original Message-----

From: Jeff Brandt [mailto:JBrandt@dfg.ca.gov]
Sent: Thursday, September 27, 2012 10:54 AM
To: Scorable, Lisa@Waterboards
Cc: Jeff Brandt; Joanna Gibson; Zimmerman, Jan@Waterboards
Subject: (Need scope of work for consultant bid) Re: Arimol 401 certification expenses avoided

Lisa--

Did I miss your email on the scope of work or were you waiting for me to clarify the info? I have the graphics and plan. I left messages with consultants, several are willing to give as a "bid".

I will also approach the SB county planning staff to see what time and costs would be expected for this type of project.

Thank you, Jeff
Jeff
Sent from Jeff Brandt's Blackberry

Zimmerman, Jan@Waterboards

From: Scoralle, Lisa@Waterboards
Sent: Thursday, October 04, 2012 4:42 PM
To: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Benedict, AnnaKathryn@Waterboards
Subject: FW: Arimol 401 certification expenses avoided
Attachments: FW: Moller Historic Wetlands .jpeg; Fwd: Historic Wet Features; JGibson_rough JD_03212012.doc

Fyi & files

-----Original Message-----

From: Joanna Gibson [mailto:JGIBSON@dfg.ca.gov]
Sent: Thursday, October 04, 2012 12:33 PM
To: Scoralle, Lisa@Waterboards
Cc: Jeff Brandt
Subject: Arimol 401 certification expenses avoided

Hi Lisa,

I have attempted to address each of your questions in turn:

1. I did receive some additional information from PMC World on September 14, 2012. See emails attached. They (PMC) assessed Mr. Moller's surveyors professional opinion of the historic streambed/wetlands extent and stated that it appeared to be consistent with the aerial photography they had reviewed of the site. I requested an estimate of the total acreage for the polygon and PMC calculated it as 0.45 acres. They have classified the entirety of the 0.45 acres as wetland.

I did a very gross estimate of total acreage impacts to Department jurisdictional features and came up with an estimate of 0.994 acres (see attached). Please note that my estimate was based purely on aerial photography; no soils assessment was conducted to verify this figure.

Because of the level of ground disturbance that occurred on site, it is difficult to gauge the impact area. Old photographs of the site would have been very helpful in assessing what was onsite previously. I do think the PMC figure is likely an underestimate, and the figure I calculated may be an overestimate.

In terms of impacts to the length of streambed and springs, my estimate for streambed is approximately 750 feet, and for springs approximately 450 feet. Again, these numbers are higher than PMC World, and were calculated using aerial photography.

Please let us know if you would like to discuss any of this further. A consideration of the temporal loss of habitat is also important, and needs to be accounted for.

2. Jeff is following up on cost estimates from several consultants.

3. You are correct; the two springs cannot be restored. I believe there will also likely be impacts to the stream associated with the installation of the concrete patio slab at the southwest corner of the site.

Impacts to springs could be mitigated through purchase of credits at a land bank, as you suggest, however the land bank would need to have similar habitat (i.e., springs) for the Department to agree to such a purchase as a form of mitigation. The best option is the purchase of land containing springs and transfer of the property in fee title to a local conservation entity, or placement of a conservation easement over the property in favor of a local conservation entity. Along with the transfer of fee title/conservation easement, the Applicant would also be responsible for habitat enhancement or restoration efforts, to improve the spring habitat (e.g., removal of nonnatives, planting of appropriate native species); monitoring the enhancement or restoration areas for a period of at least 5 years (we would request success criteria to ensure the area was being actively managed); and the provision of an endowment for the long-term management of the property.

We can discuss this more if needed.

I hope this information helps. Please let me know if you have additional questions.

Joanna

Joanna Gibson
Environmental Scientist
CA Department of Fish and Game
Inland Deserts Region
3602 Inland Empire Blvd., Suite C-220
Ontario, CA 91764
(909) 987-7449 (voice)
(909) 481-2945 (fax)
jgibson@dfg.ca.gov

>>> "Scoralle, Lisa@Waterboards" <Lisa.Scoralle@waterboards.ca.gov> 9/14/2012 11:23 AM >>>

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Thank you very much for any assistance you can provide.

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lscorable@waterboards.ca.gov<mailto:lscorable@waterboards.ca.gov>

Zimmerman, Jan@Waterboards

From: Scoralle, Lisa@Waterboards
Sent: Thursday, October 04, 2012 4:43 PM
To: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Benedict, AnnaKathryn@Waterboards
Subject: FW: Arimol 401 certification expenses avoided
Attachments: Arimol 401 certification expenses avoided

Another fyi

-----Original Message-----

From: Joanna Gibson [<mailto:JGIBSON@dfg.ca.gov>]
Sent: Thursday, October 04, 2012 12:35 PM
To: Scoralle, Lisa@Waterboards
Subject: Fwd: Arimol 401 certification expenses avoided

Lisa,

I failed to mention that any offsite mitigation will be IN ADDITION to the onsite restoration requirements.

Joanna

Joanna Gibson
Environmental Scientist
CA Department of Fish and Game
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(909) 481-2945 (fax)
jgibson@dfg.ca.gov

Zimmerman, Jan@Waterboards

From: Scoralie, Lisa@Waterboards
Sent: Thursday, October 04, 2012 4:42 PM
To: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; Benedict, AnnaKathryn@Waterboards
Subject: FW: Arimol 401 certification expenses avoided
Attachments: FW: Moller Historic Wetlands .jpeg; Fwd: Historic Wet Features; JGibson_rough JD_03212012.doc

Fyi & files

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To: Scoralie, Lisa@Waterboards
Cc: Jeff Brandt
Subject: Arimol 401 certification expenses avoided

Hi Lisa,

I have attempted to address each of your questions in turn:

1. I did receive some additional information from PMC World on September 14, 2012. See emails attached. They (PMC) assessed Mr. Moller's surveyors professional opinion of the historic streambed/wetlands extent and stated that it appeared to be consistent with the aerial photography they had reviewed of the site. I requested an estimate of the total acreage for the polygon and PMC calculated it as 0.45 acres. They have classified the entirety of the 0.45 acres as wetland.

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lscorable@waterboards.ca.gov<mailto:lscorable@waterboards.ca.gov>

Scott Lane

From: Scorable, Lisa@Waterboards
Sent: Monday, October 15, 2012 12:42 PM
To: Jeff Brandt
Cc: Ferguson, Scott@Waterboards; Zimmerman, Jan@Waterboards; Copeland, Patrice@Waterboards; JGIBSON@dfg.ca.gov
Subject: RE: Request for project consulting cost estimate, and tentative time frame to move through CEQA process and acquire aquatic permits

Thank you jeff. This information is extremely helpful. Your assistance in soliciting and gathering these estimates is greatly appreciated. Let me know if/when you receive a fourth estimate.

lisa

Lisa Scorable, P.G.
Engineering Geologist
Lahontan Regional Water Quality Control Board
2501 Lake Tahoe Blvd
South Lake Tahoe, CA 96150
(530) 542-5452
lsorable@waterboards.ca.gov

From: Jeff Brandt [<mailto:JBrandt@dfg.ca.gov>]
Sent: Friday, October 12, 2012 2:18 PM
To: Scorable, Lisa@Waterboards
Cc: Jeff Brandt; Joanna Gibson; Zimmerman, Jan@Waterboards
Subject: Re: Request for project consulting cost estimate, and tentative time frame to move through CEQA process and acquire aquatic permits

Good afternoon Lisa.

Attached are three estimates, I'm hoping to receive a fourth soon. Please see the attached scopes and comments. Due to past experience in this area, consultants would work through issues/scope elements such as either precluding or recommending surveys for Southern rubber Boa, spotted owl, or sensitive plants. We would expect a jurisdictional delineation to show the full vegetated extent of jurisdiction and further define the plant communities, which limits the time frame to late spring to early fall. The CEQA process, regulatory permitting (401/404/1600), mitigation recommendation, and overall time frame for the process are also variable. The estimates vary, as do the mitigation proposals. The general estimates run from:

~\$39,000 to \$204,500

~164,683

~\$232,500 to \$572,500

Low range average of $(\$436,183/3) = \sim\$145,394$.
High range average of $(\$941,683/3) = \sim\$313,894$.

Costs in excess of ~\$250,000 for the environmental and regulatory permitting for a project like this are foreseeable. I can't estimate the costs or restoring or mitigation for the springs. Please note: the springs are not likely to be restored, and DFG would expect to replace the springs in similar habitat settings, and ask for at least a 3:1 mitigation ratio for the wet meadow and vegetated streambed habitat. When asked by project consultants to provide an estimate for wetland impacts, I advise they expect to pay in excess ~\$150,000 per acre for onsite wetland restoration (assuming they have the hydrology, and will manage and monitor the habitat for 5 years). Providing this mitigation offsite will not be easy and could cost in excess of \$500,000. This element was underestimated in two of the three scopes above.

Another issue is time. Biological surveys (if necessary) and jurisdictional delineations would take place between May 1st and October 15th, and this info may be necessary for the CEQA process. DFG would refer to the CEQA documents in preparing a streambed alteration agreement (LSA), and the CEQA process has to be complete for DFG to execute the LSA. This means if the surveys and CEQA process were not coordinated, it could take a year before the lead agency could complete CEQA and DFG could execute the LSA. The delay would impact the project schedule and budget.

Let me know if this info is useful. thank you, Jeff

>>> Jeff Brandt 10/4/2012 5:41 PM >>>
Good afternoon.

DFG and RWQCB staff are working on a compliance issue for a phased project in a San Bernardino mountain community near Lake Arrowhead. We are looking for assistance in identifying approximate consulting costs associated with a project with the following rough scope:

Phased construction of up to six structures on approximately 2.5 acres of property in the San Bernardino Mountains that includes two natural springs; ephemeral streambed; and riparian and wet meadow habitat. To construct the project, impacts to between 0.5 and 1.0 acres of spring/streambed/riparian/wet meadow habitat are anticipated.

Are you able to provide a rough estimate on costs associated with retaining your services, and all costs associated with seeing the permitting process through from beginning to end (CEQA, County requirements/permits, 1600, 401, 404)? The cost estimate should also include the potential for on or off-site mitigation of similar habitat and a 5 year HMMP. If you provide information both DFG and RWQCB staff may use it in their compliance efforts. You are one of several consultants receiving this email, I used the "blind copy" email option to send this email, please respond directly to me. If you have any questions, or if I can clarify the request, please let me know.

Thank you,

Jeff Brandt
Department of Fish and Game
Habitat Conservation Branch
Inland Deserts Region

3602 Inland Empire Blvd., Suite C-220
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Phone: (909) 987-7161
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