# Additional Work
## Plan 5/15/2016

| Operator | Well Name | API # | PLSS | Latitude (NAD83) | Longitude (NAD 83) |
|---|---|---|---|---|---|
| Catamount | Animas #1 | 05-067-06494 | NESW (UL "K"), Sec. 36, T34N R10W | 37.14450 | -107.88954 |
| ConocoPhillips | Animas 34-10 36-2 | 05-067-08517 | NWSW (UL "L"), Sec. 36, T34N R10W | 37.14429 | -107.88976 |

The enclosed plan describes additional work for the above referenced locations. It is scheduled to begin on May 16, 2016 and be completed on May 19, 2016. The schedule will change in the event of a storm or other weather which would prevent proper implementation of the plan. Work will also be postponed if the ground is not dry enough to proceed on May 16th. This plan is organized by best management practice (BMP). Boxes with red text on Diagram A indicate work to be done.

## BMP 1
Colorado Oil and Gas Conservation Commission (COGCC) indicated the wattle along the upper edge of the cut-slope on location was installed to its satisfaction. No changes will be made to this BMP.

## BMP 2
COGCC indicated BMP 2 was installed to its satisfaction. No changes will be made.

## BMP 3
Approximately ½ cubic yard of native 4" + rock will be installed at the top of BMP 3 and used to armor top of the diversion channel.

During a conference call on April 21, 2016, COGCC requested engineering information supporting the decision to extend rock armoring beyond what was discussed with COGCC on March 24, 2016. The operators' engineering consultant gathered and correlated data from several sources to calculate the drainage basin that impacts Animas 1 and Animas 34-10 36-2. Those sources included the United States Geological Survey, National Resource Conservation Service, National Oceanic & Atmospheric Administration, United States Bureau of Land Management, and the Geotechnical Engineer's Portable Handbook. The operators' engineering consultants utilized that data and the SCS Methodology to calculate the hydrologic and hydraulic results of the existing drainage basin and resulting runoff. The results were then used to evaluate the use of 4-inch round river rock riprap lining the drainage swale on the west side of Animas 1 and Animas 34-10 36-2. The operators' engineering consultant's calculations yielded that the design utilized in BMP 3 exceeds the Federal Highway Administration Hydraulic Engineering Guidelines for Riprap Revetment by a Factor of Safety of 1.7. The operators can provide further detail concerning these calculations upon request.

## BMP 4
Approximately 1 cubic yard of 4" +/- cobble rock will be used to increase the height of check dam 1.

Check dams 2, 3, 4 and 5 will be shifted and reconstructed over geofabric.

## BMP 5
Check dams 1, 2, 3 and 4 will be shifted and reconstructed over geofabric.

## BMP 6
Loose soil near or around the check dam will be compacted as needed.

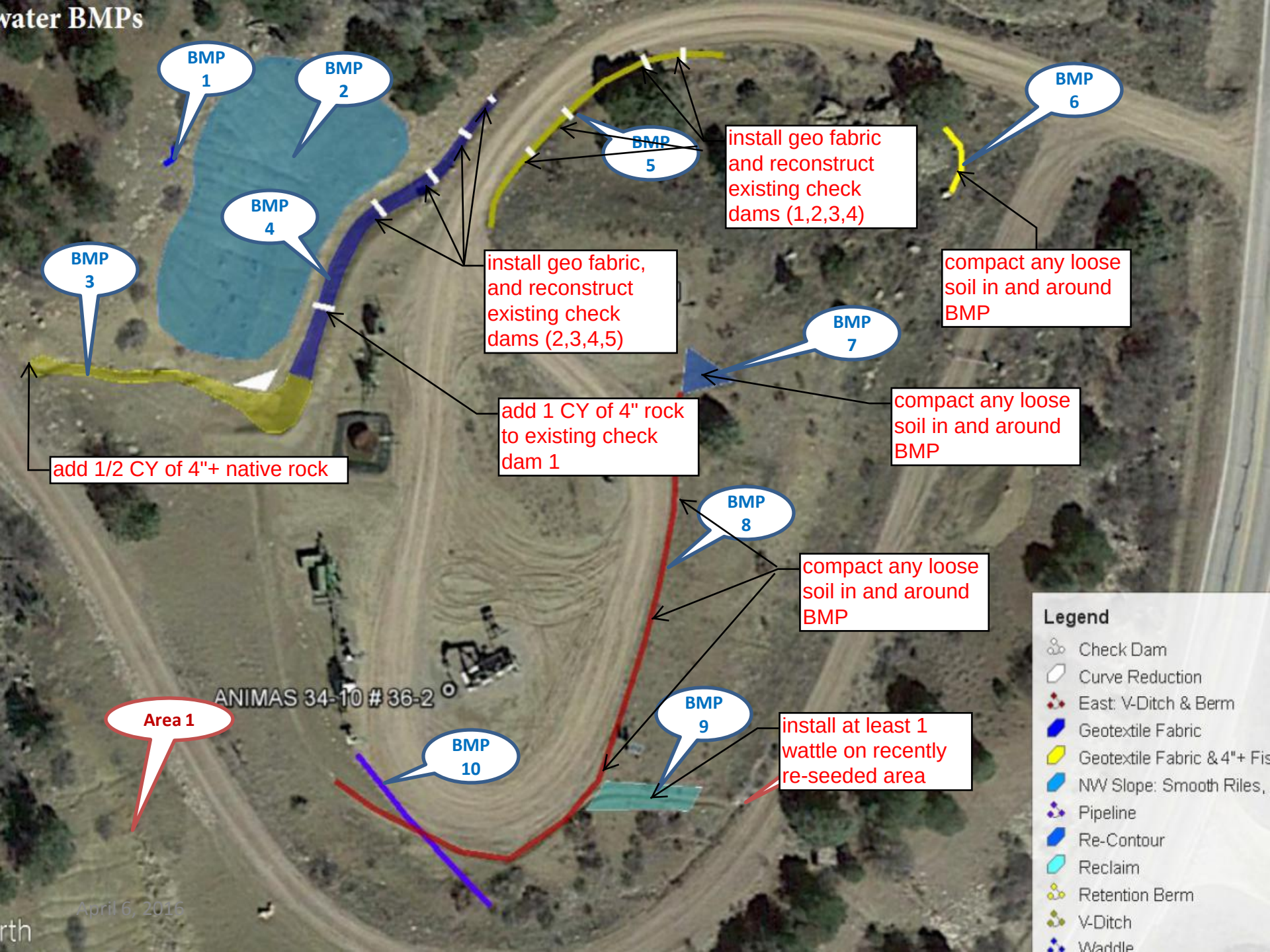
## BMP 7
Loose soil near or around the check dam will be compacted as needed.

## BMP 8
Loose soil in the v-ditch will be compacted as needed.

## BMP 9
Install one wattle so as to minimize the risk of erosion in the reclaimed area until vegetation is established.

## Pipeline
Earlier plans submitted to COGCC by the operators include a map that shows a dark blue or purple line at the south side of the location. A later map, shared with the the operators by COGCC, labels that feature BMP 10. To clarify, this line was meant to indicate the presence of a pipeline not a BMP. No work is planned for this area.

## Sign
COGCC indicated concern with traffic on the well pad. The operators' surface use rights and obligations are governed by the applicable oil and gas lease, Surface Damage Agreement & Release and other applicable state law. Under such authority, the operators are permitted reasonable use of the surface to conduct its oil and gas operations, including performing maintenance and repair operations. Those operations may require vehicle access to the center of the pad. Without waiving its rights and discretion to access the pad, however, the operators will install a sign within the interior of the well pad access road (teardrop) indicating the interior of the teardrop should be accessed only for necessary oil and gas operations, maintenance and repair.


vater BMPs
BMP 1
BMP 2
BMP 3
BMP 4
BMP 5
BMP 6
BMP 7
BMP 8
BMP 9
BMP 10
install geo fabric and reconstruct existing check dams (1,2,3,4)
compact any loose soil in and around BMP
install geo fabric, and reconstruct existing check dams (2,3,4,5)
compact any loose soil in and around BMP
add 1 CY of 4" rock to existing check dam 1
add 1/2 CY of 4"+ native rock
compact any loose soil in and around BMP
install at least 1 wattle on recently re-seeded area
ANIMAS 34-10 # 36-2
Area 1
April 6, 2016
rth
Legend
Check Dam
Curve Reduction
East: V-Ditch & Berm
Geotextile Fabric
Geotextile Fabric & 4"+ Fis
NW Slope: Smooth Riles,
Pipeline
Re-Contour
Reclaim
Retention Berm
V-Ditch
Waddle