



June 29, 2012

Rebecca Jones, Wildlife Biologist  
California Department of Fish and Game  
36431 41<sup>st</sup> Street East  
Palmdale, California 93552

RE: Copper Mountain College Expansion Project: Compliance Inspection #42, June 2012 for State Incidental Take Permit No. 2081-2005-028-06.

Dear Ms. Jones,

The Copper Mountain Community College District (District or Permittee) has implemented monitoring of pertinent mitigation measures for the above referenced project to protect the desert tortoise (*Gopherus agassizii*) as authorized by Incidental Take Permit Number 2081-2005-028-06 from the California Department of Fish and Game (Department).

As given in the Department's permit, **Mitigation Measure 24, Condition 4.2.4.** (MM24/C4.2.4) *Compliance inspections shall be conducted a minimum of once per month after clearing, grubbing, and grading are completed. A monthly compliance report shall be submitted to the Department's Palmdale office at: Ms. Rebecca Jones, 36431 41<sup>st</sup> Street East, Palmdale, CA 93552, PH/FAX (661) 285-5867.*

**PREVIOUS STATUS:** Compliance inspection #41 was completed on 25 May 2012 and sent to Becky Jones soon thereafter. The Remodel For Efficiency (RFE) project is remodeling the library in a previously developed and separately fenced area of the Phase III campus buildings.

**CURRENT STATUS:** This letter documents the forty-second monthly compliance inspection by Dr. Paul Delaney on 29 June 2012, as required by MM24/C4.2.4 given above. A single-page compliance inspection data sheet is attached to the end of this report.

**DATE AND TIME OF COMPLIANCE INSPECTION #42:** The inspection was completed by Delaney on 29 June 2012. Delaney was on-site from 7:57 a.m. to 11:41 a.m.

**METHODS:** Delaney walked the Translocation Area (TA) and Impact Area (IA) fencelines to check for tortoise sign, raven-predated tortoise carcasses, and fence integrity. He then walked into the IA to check on compliance issues near the Remodel For Efficiency (RFE) project.

## RESULTS:

**Personnel and Vehicles:** Delaney tallied construction personnel and motor-operated vehicles inside the IA, and the cumulative data is presented in Table 1. During the current inspection 10 personnel were present and 8 (80%) were wearing tortoise awareness decals on their hardhats. Of the 13 vehicles observed, 10 (77%) had tortoise awareness placards.

<b>TABLE 1. SUMMARY DATA FOR PERSONNEL AND VEHICLES</b>						
<b>Inspection # /Month</b>	<b>Personnel [# (%)]</b>			<b>Vehicles [# (%)]</b>		
	<b>#</b>	<b>With Decal</b>	<b>W/out Decal</b>	<b>#</b>	<b>With Placard</b>	<b>W/out Placard</b>
1. Jan 2009	31*	27 (93%)	2 (7%)	54	10 (19%)	44 (81%)
2. Feb 2009	37*	26 (90%)	3 (10%)	49	22 (45%)	27 (55%)
3. Mar 2009	18	15 (100%)	3 unknown	40	14 (35%)	26 (65%)
4. Apr 2009	11	10 (91%)	1 (9%)	16	11 (69%)	5 (31%)
5. May 2009	19	18 (94%)	1 (6%)	25	18 (72%)	7 (28%)
6. Jun 2009	19	16 (84%)	3 (16%)	25	19 (76%)	6 (24%)
7. July 2009	16	13 (81%)	3 (19%)	22	18 (82%)	4 (18%)
8. Aug 2009	25	21 (84%)	4 (16%)	28	24 (86%)	4 (14%)
9. Sep 2009	14	12 (86%)	2 (14%)	21	17 (81%)	4 (19%)
10. Oct 2009	26	24 (92%)	2 (8%)	27	24 (89%)	3 (11%)
11. Nov 2009	25	23 (92%)	2 (8%)	28	21 (75%)	7 (25%)
12. Dec 2009	22	20 (91%)	2 (9%)	26	22 (85%)	4 (15%)
13. Jan 2010	18	15 (83%)	3 (17%)	21	20 (95%)	1 (5%)
14. Feb 2010	15	14 (93%)	1 (7%)	19	16 (84%)	3 (16%)
15. Mar 2010	12	10 (83%)	2 (17%)	16	13 (81%)	3 (19%)
16. Apr 2010	11	10 (91%)	1 (9%)	14	12 (86%)	2 (14%)
17. May 2010	10	9 (90%)	1 (10%)	17	13 (77%)	4 (23%)
18. June 2010	15	13 (87%)	2 (13%)	17	14 (82%)	3 (18%)
19. July 2010	13	12 (92%)	1 (8%)	15	14 (93%)	1 (7%)
20. Aug 2010	11	9 (82%)	2 (18%)	12	10 (83%)	2 (17%)
21. Sep 2010	10	9 (90%)	1 (10%)	12	10 (83%)	2 (17%)
22. Oct 2010	10	8 (80%)	2 (20%)	12	9 (75%)	3 (25%)
23. Nov 2010	0**	N.A.	N.A.	4	4 (100%)	0 (0%)
24. Dec 2010	6	5 (83%)	1 (17%)	7	6 (86%)	1 (14%)
25. Jan 2011	5	4 (80%)	1 (20%)	9	7 (78%)	2 (22%)
26. Feb 2011	9	7 (78%)	2 (22%)	9	7 (78%)	2 (22%)
27. Mar 2011	3	3 (100%)	0 (0%)	4	3 (75%)	1 (25%)
28. Apr 2011	9	8 (89%)	1 (11%)	12	10 (83%)	2 (17%)
29. May 2011	6	5 (83%)	1 (17%)	8	6 (75%)	2 (25%)
30. June 2011	6	5 (83%)	2 (17%)	5	4 (80%)	1 (20%)
31. July 2011	3	3 (100%)	0 (0%)	5	4 (80%)	1 (20%)
32. Aug 2011	4	3 (75%)	1 (25%)	7	5 (71%)	2 (29%)
33. Sep 2011	6	5 (83%)	1 (17%)	7	5 (71%)	2 (29%)
34. Oct 2011	9	8 (89%)	1 (11%)	10	9 (90%)	1 (10%)
35. Nov 2011	0**	N.A.	N.A.	2	2 (100%)	0 (0%)
36. Dec 2011	6	5 (83%)	1 (17%)	8	6 (75%)	2 (25%)
37. Jan 2012	2	2 (100%)	0 (0%)	4	3 (75%)	1 (25%)
38. Feb 2012	7	6 (86%)	1 (14%)	10	7 (70%)	3 (30%)
39. March 2012	5	4 (80%)	1 (20%)	7	4 (57%)	3 (43%)
40. April 2012	9	7 (78%)	2 (22%)	13	9 (69%)	4 (31%)
41. May 2012	6	5 (83%)	1 (17%)	8	7 (88%)	1 (12%)
42. June 2012	10	8 (80%)	2 (20%)	13	10 (77%)	3 (23%)

\*37 = Personnel having lunch and not wearing hard hats, so total personnel with and without hard hat decals is less than the total number of personnel. \*\*0 = Construction personnel absent due to Thanksgiving holidays.

**Trash Abatement:** *As per MM5/C4.1.7, the Permittee is required to maintain a litter-free environment to avoid attracting opportunistic predators. During the current inspection, Delaney tallied 39 pieces of litter in the IA and 21 in the TA (see Table 2 for cumulative information.)*

<b>TABLE 2. SUMMARY DATA FOR TRASH &amp; LITTER</b>		
<b>Visit #/Date</b>	<b>Litter inside Translocation Area</b>	<b>Litter inside Impact Area</b>
1. Jan 2009	18 (11%*)	138 (89%)
2. Feb 2009	15 (29%)	36 (71%)
3. Mar 2009	9 (14%)	56 (86%)
4. Apr 2009	4 (10%)	39 (90%)
5. May 2009	8 (21%)	31 (79%)
6. June 2009	34 (37%)	59 (63%)
7. July 2009	15 (35%)	28 (65%)
8. Aug 2009	25 (43%)	33 (57%)
9. Sep 2009	41 (38%)	68 (62%)
10. Oct 2009	27 (23%)	89 (77%)
11. Nov 2009	26 (35%)	49 (65%)
12. Dec 2009	17 (34%)	33 (66%)
13. Jan 2010	33 (36%)	58 (64%)
14. Feb 2010	51 (38%)	84 (62%)
15. Mar 2010	22 (31%)	49 (69%)
16. Apr 2010	5 (19%)	21 (81%)
17. May 2010	12 (28%)	31 (72%)
18. June 2010	11 (28%)	28 (72%)
19. July 2010	29 (35%)	55 (65%)
20. Aug 2010	31 (28%)	79 (72%)
21. Sep 2010	19 (27%)	51 (73%)
22. Oct 2010	25 (22%)	87 (78%)
23. Nov 2010	21 (35%)	39 (65%)
24. Dec 2010	29 (36%)	51 (64%)
25. Jan 2011	10 (19%)	42 (81%)
26. Feb 2011	14 (19%)	59 (81%)
27. Mar 2011	17 (29%)	41 (71%)
28. Apr 2011	37 (34%)	71 (66%)
29. May 2011	23 (32%)	49 (68%)
30. June 2011	25 (27%)	69 (73%)
31. July 2011	37 (38%)	61 (62%)
32. Aug 2011	27 (34%)	53 (66%)
33. Sep 2011	17 (30%)	39 (70%)
34. Oct 2011	31 (32%)	65 (68%)
35. Nov 2011	25 (35%)	47 (65%)
36. Dec 2011	29 (35%)	53 (65%)
37. Jan 2012	15 (23%)	51 (77%)
38. Feb 2012	19 (33%)	39 (67%)
39. Mar 2012	21 (31%)	46 (69%)
40. Apr 2012	31 (35%)	61 (65%)
41. May 2012	23 (33%)	47 (67%)
42. June 2012	21 (35%)	39 (65%)

**Education Program:** *As per MM4/C4.1.4, the Permittee is required to administer education programs.* Field Contact Representative (FCR) Dan Cain conducts most of these programs as needed. He maintains the comprehensive sign-up sheet should the Department want to see that.

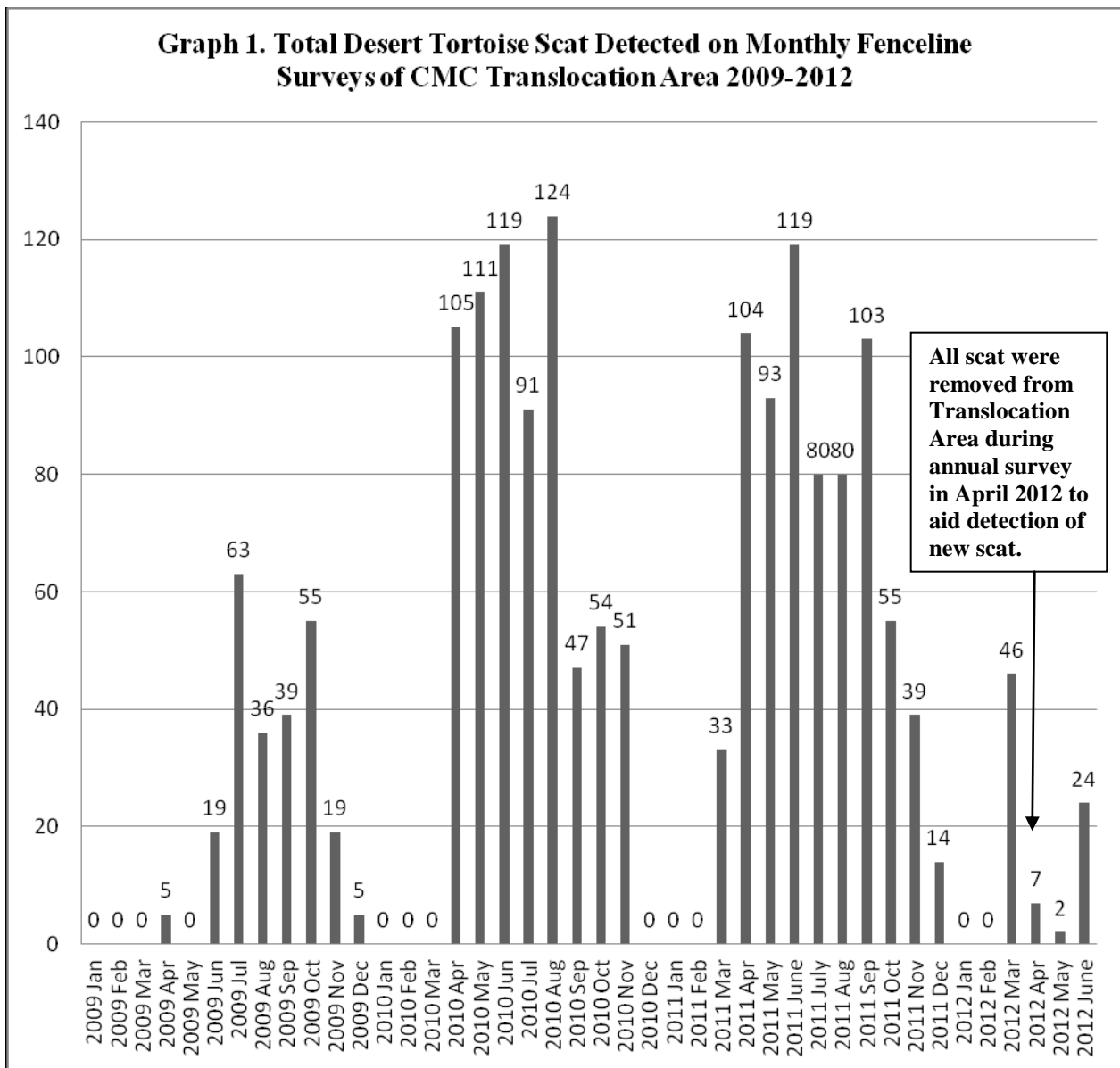
**Translocation Area:** *As per MM9/C4.3.1, the Permittee is required to establish the Translocation Area (TA) and maintain it for tortoise conservation.* Dan Cain previously registered the conservation easement for 84.32 acre TA with San Bernardino County.

**Permanent Fencing Around Completed Campus Expansion:** The Service previously approved a permanent smooth-wire fence, with tortoise-exclusion fencing attached to the bottom, around the completed expansion site to exclude tortoises from that area.

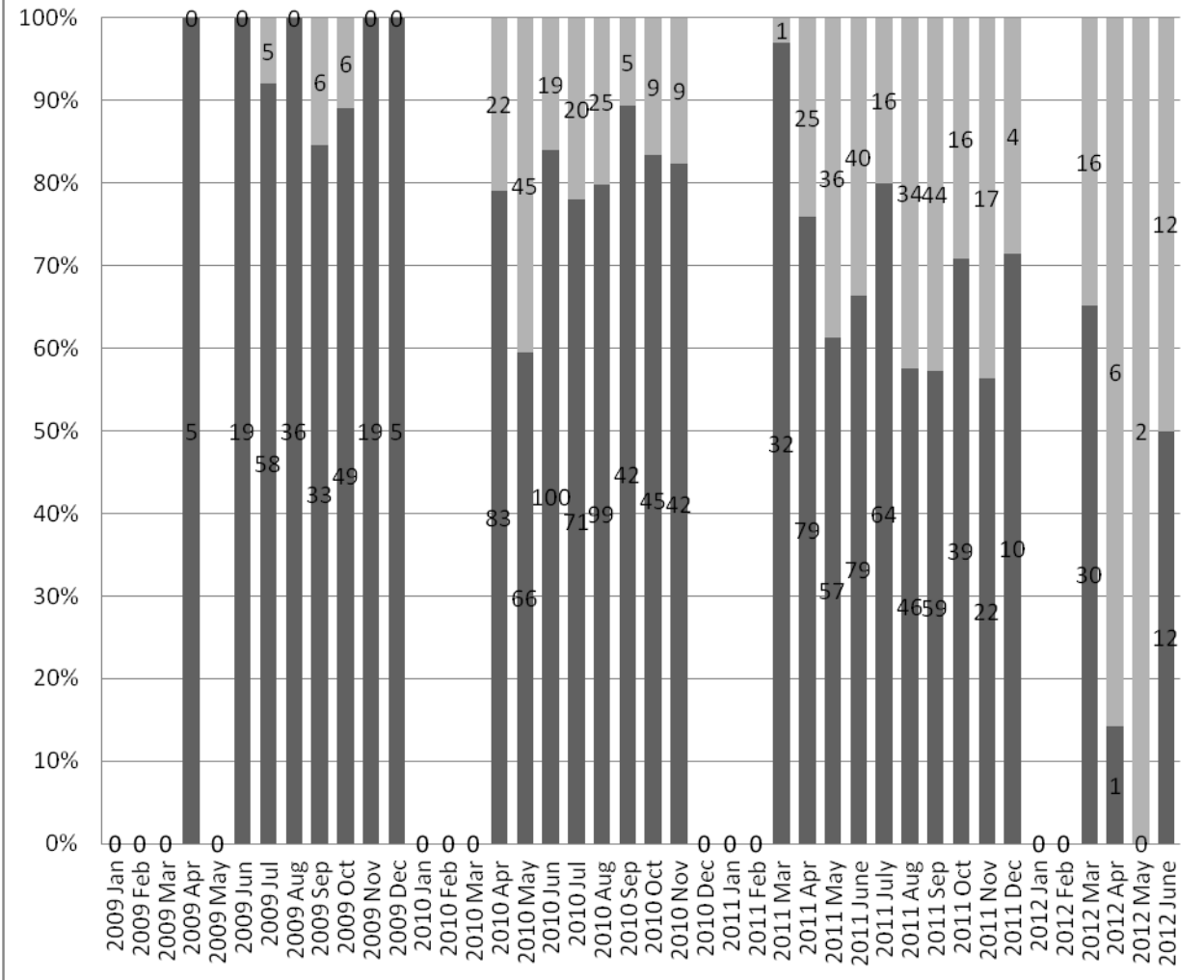
**GPS Locations of Tortoise Observations From the Current Monthly Compliance Survey:** The GPS locations of tortoise sign found during the current monthly compliance inspection are noted in Table 3 below. During the annual survey on April 15-16 2012, all scat detected was measured at its widest diameter and removed.

<b>TABLE 3. GPS LOCATION DATA FOR TORTOISE SIGN OBSERVATIONS DURING THE CURRENT MONTHLY COMPLIANCE INSPECTION</b>		
<b>Inspection#/Date</b>	<b>Type of Tortoise Sign</b>	<b>GPS Location (NAD 83) (Start Location of Survey: 11 S 0571984 E, UTM 3777950 N)</b>
42/ June 2012	1 piece this year adult scat, 15 mm diameter.	1964 E/7964 N
	1 piece this year subadult scat, 13 mm diameter.	1919 E/7966 N
	1 piece this year adult scat, 28 mm diameter.	1897 E/7977 N
	1 piece this year adult scat, 17 mm diameter.	1637 E/8045 N
	1 piece this year subadult scat, 11 mm diameter.	1637 E/8026 N
	1 piece this year adult scat, 15 mm diameter.	1637 E/8026 N
	1 piece this year adult scat, 33 mm diameter.	1635 E/8011 N
	1 piece this year adult scat, 29 mm diameter.	1635 E/7972 N
	1 piece this year adult scat, 15 mm diameter.	1641 E/7726 N
	4 pieces this year subadult scat, 5 mm diameter.	1641 E/7698 N
	1 piece this year subadult scat, 10 mm diameter.	1643 E/7591 N
	1 adult desert tortoise burrow, 277 mm opening.	2338 E/7685 N
	1 piece this year subadult scat, 13 mm diameter.	2243 E/7698 N
	1 adult desert tortoise burrow, 280 mm opening.	2238 E/7765 N
	1 piece this year adult scat, 16 mm diameter.	2243 E/7717 N
	1 piece this year adult scat, 15 mm diameter.	2243 E/7726 N
	1 adult desert tortoise burrow, 233 mm opening.	2237 E/7801 N
	1 piece this year adult scat, 19 mm diameter.	2241 E/7811 N
	1 piece this year adult scat, 19 mm diameter.	2244 E/7820 N
	1 piece this year subadult scat, 7 mm diameter.	2244 E/7820 N
	1 piece this year subadult scat, 14 mm diameter.	2581 E/7822 N
	1 piece this year subadult scat, 6 mm diameter.	2529 E/7875 N
	1 piece this year subadult scat, 11 mm diameter.	2234 E/7783 N
	1 piece this year adult scat, 17 mm diameter.	2142 E/7865 N
	1 adult desert tortoise burrow, 330 mm opening.	2144 E/7870 N
	1 adult desert tortoise burrow, 325 mm opening.	2138 E/7889 N

**Cumulative Tortoise Observations From Monthly Compliance Surveys:** *As per MM10/C4.3.2, all tortoises are to be translocated out of the IA into the TA and per MM21/C4.3.9 and MM27/C4.2.6, the FCR and others are to be on the lookout for tortoises.* The cumulative frequency distribution of total desert tortoise scat from monthly compliance surveys from 2009 to the present, using 10-meter wide transects along the TA fencelines, are depicted in Graphs 1 and 2 below. The total quantities of tortoises and tortoise signs observed during the monthly compliance (fenceline) surveys are shown in Table 4 below. To aid in detection of new scat, per a minor amendment to the District’s IT Permits, scat along the fencelines was collected beginning with the February 2012 compliance inspection. Starting with the March 2012 compliance inspection, collected scat were measured at their widest diameter. Note that subadult and juvenile scat were combined in one category as Subadult Scat. GPS locations of signs were listed in monthly reports previously submitted.



**Graph 2. Adult (Dark Bars) Versus Subadult (Light Bars) Tortoise Scat Detected During Monthly Fenceline Surveys of CMC Translocation Area 2009-2012**



**Translocation Area Monitoring Program:** As per MM22/C4.3.11, the District is required to monitor all tortoises moved into the TA and to perform annual surveys in the spring. The first three annual surveys (2009, 2010, and 2011) were documented in reports submitted to the Department and the Service. The fourth annual survey was performed on April 15-16, 2012 and will be documented in the annual report submitted in January 2013. Focused TA fence-line surveys for tortoises and sign are performed monthly during compliance inspections (see Table 3 and Graphs 1-2).

**Table 4. Desert Tortoise Signs Observed on Monthly Surveys of the CMC Translocation Area Fencelines, January 2009 to June 2012.**

<b>Month</b>	<b>Total Scat</b>	<b>Adult Scat</b>	<b>Subadult Scat</b>	<b>Tracks</b>	<b>Burrows</b>	<b>Burrow Starts</b>	<b>Tortoises</b>
2009 Jan	0	0	0	0	0	0	0
2009 Feb	0	0	0	0	0	0	0
2009 Mar	0	0	0	7	0	0	0
2009 Apr	5	5	0	4	1	0	0
2009 May	0	0	0	1	1	0	3
2009 Jun	19	19	0	5	0	0	0
2009 Jul	63	58	5	1	0	0	0
2009 Aug	36	36	0	0	0	0	0
2009 Sep	39	33	6	2	0	0	0
2009 Oct	55	49	6	0	0	0	0
2009 Nov	19	19	0	2	1	0	1
2009 Dec	5	5	0	0	0	0	0
2010 Jan	0	0	0	0	0	0	0
2010 Feb	0	0	0	0	0	0	0
2010 Mar	0	0	0	3	0	0	0
2010 Apr	105	83	22	0	1	4	2
2010 May	111	66	45	8	2	0	3
2010 Jun	119	100	19	6	1	5	0
2010 Jul	91	71	20	3	0	3	0
2010 Aug	124	99	25	3	1	0	1
2010 Sep	47	42	5	4	4	1	0
2010 Oct	54	45	9	1	3	0	1
2010 Nov	51	42	9	0	2	0	1
2010 Dec	0	0	0	0	0	0	0
2011 Jan	0	0	0	0	0	0	0
2011 Feb	0	0	0	0	0	0	0
2011 Mar	33	32	1	4	0	0	2
2011 Apr	104	79	25	3	1	1	2
2011 May	93	57	36	0	2	2	0
2011 June	119	79	40	0	0	1	0
2011 July	80	64	16	0	0	2	0
2011 Aug	80	46	34	0	3	0	0
2011 Sep	103	59	44	0	1	0	0
2011 Oct	55	39	16	0	2	0	1
2011 Nov	39	22	17	0	1	0	0
2011 Dec	14	10	4	0	0	0	0
2012 Jan	0	0	0	0	0	0	0
2012 Feb	0	0	0	0	0	0	1
2012 Mar	46	30	16	0	3	0	3
2012 Apr	7	1	6	0	3	0	1
2012 May	2	0	2	0	4	0	0
2012 June	24	12	12	0	5	0	0

**Translocation Area Fencing:** *As per MM11/C4.3.3, MM20/C4.3.8, and MM23/C4.3.4, the Permittee is required to install and maintain fences around both the TA and IA. The TA fencelines are intact and District personnel continue to regularly monitor their condition.*

**Raven Predation of Juvenile Desert Tortoises In Translocation Area and Campus Area:** No raven-predated tortoise carcasses were found during June 2012. An unmarked juvenile tortoise carcass (MCL 43 mm) with diagnostic signs of raven predation was found in the Impact Area on February 17 2012. Two instances of raven predation were documented in 2009 (one a marked tortoise, CMC9) and none in 2010. Two unmarked, subadult tortoise carcasses were found during the 2011 annual survey, including one that may have been raven-predated. No other marked tortoise carcasses were found, which suggests that tortoise translocation into the area in 2008 and subsequent monitoring efforts have not adversely affected the persistence of tortoises in the conservation area. The District biologist conducts weekly raven/predator surveys to check for predated tortoises and minimize predator subsidies.

**Raven Population on Campus:** During the current month's raven/predator surveys the raven population consisted of 2 birds, who moved between perches located at the: 1) AutoShop Building, 2) Bell Center, 3) utility poles in campus parking lots and north of Whitmore Road, 4) campus water tank, and 5) trees at the intersection of Highway 62 and Rotary Way. Campus dumpsters and construction sites were checked to ensure they were not subsidizing ravens.

**Purchase Compensation Lands:** *As per MM12/C5, the Permittee is required to acquire 80 acres of habitat management lands to offset impacts resulting from campus expansion. The 80-acre compensation parcel located in Thermal Canyon was transferred to the National Park Service on 26 March 2009, which satisfied the Department's requirement for compensation.*

**Purchase Mitigation Lands:** In June 2009 the Service approved a minor amendment to the Habitat Conservation Plan accepting the District's partnership with the Mojave Desert Land Trust to jointly purchase 955 acres of additional tortoise mitigation land. This land on Quail Mountain was deeded to the adjacent Joshua Tree National Park, to fulfill District's mitigation requirement to protect 30 acres of desert tortoise habitat.

**Monthly Compliance Inspections:** *As per MM24/C4.2.4, compliance inspections are to be conducted monthly. This report is the 42nd of 60 anticipated monthly compliance reports.*

**Failure to Implement Mitigation Measures:** *As per MM26/C4.2.3, the Permittee is required to notify the Department immediately if any mitigation measures have not been implemented as give in the Permit. Thus far, all mitigation measures have been implemented in a timely manner.*

**Stop Construction Activities:** *As per MM28/C4.1.6, the Designated Biologist and FCR have authority to stop any construction activity that is not in compliance with the Permit. There has been no need to stop construction activities during any of compliance inspections.*

**Accessing the Construction Site Via Existing Routes:** *As per MM29/C4.1.9, all project-related personnel are to access the site through approved routes and there is to be no cross-country travel. The current paved access routes do not constitute a hazard to desert tortoises.*



**Handling Injured Tortoises:** *As per MM32/C4.3.10 and MM33/C4.2.8, all injured tortoises are to be taken to a local veterinarian and the Department contacted and all dead tortoises are to be collected and the Department contacted.* To our knowledge, there have been no tortoises injured or accidentally killed as a result of expansion activities.

**Final Mitigation Report:** *As per MM37/C4.2.7, a final mitigation report must be submitted to the Department no later than 45 days after completion of each phase.* No phases have yet been completed, so it is too early to implement this measure.

**Non-Native Weed Management in the TA:** *Although the Department’s Permit does not identify any weed management measures, Section 3.2.2d.8 of the Environmental Assessment identifies the following Translocation Area Management action: “Perform an annual assessment to determine the presence of non-native invasive plant species within the Translocation Area.”* During 2009-2010, volunteers removed 6069 individual non-native Moroccan mustards (*Brassica tournefortii*) and tansy mustards (*Descurainia pinnata*), growing along TA fencelines. During 2011-2012 compliance inspections few invasive mustard plants were observed there, so prior weed mitigation efforts were considered successful.

**Firearms and Domestic Dogs:** *As per MM18/C4.1.5, the Permittee is required to prohibit firearms and domestic dogs from the site.* Canid signs observed inside the TA and IA during compliance inspections are summarized below in Table 5. No evidence of canid predation on desert tortoises was found during the current compliance inspection.

<b>TABLE 5. SUMMARY DATA FOR CANIDS (DOGS &amp; COYOTES)</b>		
<b>Inspection # /Date</b>	<b>Canid Tracks in Translocation Area</b>	<b>Canid Tracks in Impact Area</b>
1. Jan 2009	4 (29%*)	10 (71%)
2. Feb 2009	0 (0%)	3 (100%)
3. Mar 2009	1 (25%)	3 (75%)
4. Apr 2009	1 (50%)	1 (50%)
5. May 2009	2 (67%)	1 (33%)
6. June 2009	3 (75%)	1 (25%)
7. July 2009	0 (0%)	0 (0%)
8. Aug 2009	3 (75%)	1 (25%)
9. Sep 2009	2 (66%)	1 (33%)
10. Oct 2009	1 (50%)	1 (50%)
11. Nov 2009	2 (66%)	1(33%)
12. Dec 2009	1 (50%)	1 (50%)
13. Jan 2010	1 (50%)	1 (50%)
14. Feb 2010	2 (40%)	3 (60%)
15. Mar 2010	3 (60%)	2 (40%)
16. Apr 2010	1 (50%)	1 (50%)
17. May 2010	0 (0%)	0 (0%)
18. June 2010	3 (60%)	2 (40%)
19. July 2010	1 (50%)	1 (50%)
20. Aug 2010	2 (67%)	1 (33%)
21. Sep 2010	1 (50%)	1 (50%)
22. Oct 2010	1 (50%)	1 (50%)
23. Nov 2010	1 (33%)	2 (67%)
24. Dec 2010	1 (50%)	1 (50%)
25. Jan 2011	2 (50%)	2 (50%)
26. Feb 2011	1 (25%)	3 (75%)
27. Mar 2011	1 (50%)	1 (50%)

28. Apr 2011	1 (50%)	1 (50%)
29. May 2011	0 (0%)	1 (100%)
30. June 2011	1 (50%)	1 (50%)
31. July 2011	1 (50%)	1 (50%)
32. Aug 2011	0 (0%)	1 (100%)
33. Sep 2011	0 (0%)	0 (0%)
34. Oct 2011	1 (50%)	1 (50%)
35. Nov 2011	1 (50%)	1 (50%)
36. Dec 2011	2 (50%)	2 (50%)
37. Jan 2012	1 (33%)	2 (66%)
38. Feb 2012	1 (33%)	2 (66%)
39. Mar 2012	2 (50%)	2 (50%)
40 Apr 2012	1 (25%)	3 (75%)
41. May 2012	1 (33%)	2 (66%)
42. June 2012	1 (100%)	0 (0%)

### REMEDIAL ACTIONS:

The District and its subcontractors have conscientiously implemented mitigation measures since the previous compliance inspection, but several issues need to be addressed on an ongoing basis:

**Translocation Area Fence Maintenance:** District personnel continue to regularly monitor the Translocation Area (TA) fencelines.

**Trash Abatement:** Personnel from the District removed litter from the IA and TA during mitigation and monitoring activities this month, and will continue these efforts.

**Invasive Plant Species (Weed) Abatement:** Delaney will monitor the effectiveness of weed abatement from year to year, and recruit volunteers to remove weeds from the TA.

**Minimizing Predator Subsidies:** No raven-predated tortoise carcasses were found in June 2012. An unmarked, raven-predated tortoise carcass (MCL 43 mm) was found in the Impact Area in February 2012. Two ravens were present on campus in May 2012. The District will continue to focus weekly raven surveys on the TA fence-lines to check for raven-predated tortoises and minimize predator subsidies on campus.

**Monitoring Tortoise Population For Infectious Diseases:** A *Mycoplasma*-antibody-positive pet tortoise was removed from the Translocation Area (TA) in April 2010. In 2012 the Department and the Service approved a minor amendment allowing blood testing and telemetry of desert tortoises within the TA. Dr. Brian Henen obtained blood samples from five tortoises during the annual survey performed April 15-16 2012. Three adult tortoises test seropositive for *Mycoplasma testudineum* antibodies, 1 adult had a suspect test result, and 1 subadult tortoise tested seronegative. None of these tortoises exhibited any clinical signs of infection during their health assessments. The District will continue to monitor tortoises within the TA for infectious disease and may re-sample seropositive tortoises during the next annual survey. Further details will be presented in the annual report due to be submitted in January 2013.

**Scat Removal:** In 2012 the District received a minor amendment to its incidental take permit allowing scat removal, to facilitate detection of new scat during subsequent surveys. Delaney removed scat from along the TA fencelines during the February, March, April, May and June 2012 monthly surveys, and from the entire TA during the annual survey on 15-16 April 2012. Scat were measured at their widest diameter before removal.

This concludes the 42<sup>nd</sup> of 60 anticipated monthly compliance inspections and reports for authorized expansion activities. This report was completed by Paul Delaney and reviewed by Dan Cain and Ed LaRue, who may be contacted using the information below.

Dan Cain, Field Contact Representative  
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Please contact me if you have questions or comments.

I certify that, to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of this report, the information submitted is accurate and complete.

Respectfully Submitted,

*Paul M. Delaney Ph.D.*

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Cc: Ms. Judy Hohman  
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List of Attachments

June 2012 Compliance Inspection Form



**Copper Mountain Community College District (CMCCD)**  
**State Incidental Take Permit No. 2081-2005-028-06**  
**Federal Incidental Take Permit No. TE-143444-0**  
**Compliance Inspection Report No. 42 For June 2012**

<b>Location: CMCCD Construction Site</b>		<b>Monitor: Paul Delaney Ph.D.</b>
<b>Date: 29 June 2012</b>	<b>Start Time: 7:57 a.m.</b>	<b>End Time: 11:41 a.m.</b>
<b>Temperature (°F): 82.3</b>	<b>Cloud Cover (%): 0</b>	<b>Wind Speed (mph): 1.5</b>
<b>Rel. Humidity (%): 13.6</b>	<b>Baro. Press. (in Hg): 27.44</b>	<b>Wind Direction: N</b>
<b>Previous Status: See prior compliance inspection report of 25 May 2012.</b>		
<b>Current Status: Monitoring and compliance activities since the last report noted below.</b>		
<b>Methods: Authorized Biologist walked project site.</b>		<b>Results: See below.</b>
<b># Personnel in Impact Area (IA): 10</b>	<b># Personnel in IA with Tortoise Hardhat Decal: 8</b>	<b>Personnel in Tortoise Education in Month: on file</b>
<b># Vehicles in Impact Area (IA): 13</b>	<b># Vehicles in IA with Tortoise Placards: 10</b>	<b>Vehicles Speeding: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>
<b>Fencing Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	<b>Firearms Observed on Site: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	<b>Mitigation Land Purchase: Ongoing Completed <input checked="" type="checkbox"/></b>
<b>Trash Abatement : # Pieces in TA: 21 IA: 39</b>	<b># Canid Prints: In TA: 1 IA: 0</b>	<b>Ravens or Subsidies On Site: Yes <input checked="" type="checkbox"/> 2 ravens No</b>
<b>Translocation Area (TA) Status Quo: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	<b>TA Gates Closed After Transit: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	<b>Pond Subsidizing Predators: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>
<b>Project Activity Stopped: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	<b>Weekly Fence Inspection Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	<b>Weekly Raven Census Performed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>
<b>Tortoise/Sign Observations: Yes <input checked="" type="checkbox"/> See report No <input type="checkbox"/></b>	<b>Tortoise/s Handled: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	<b>Tortoise/s Ill or Injured: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>
<b>IA Accessed By Existing Routes: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	<b>Construction Activities Confined to IA: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	<b>Hazardous Waste Cleanups: Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/></b>
<b>Other Abatement Observed: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	<b>Remedial Action Suggested:</b>	<b>Final Mitigation Report Too Early to Perform: Yes <input checked="" type="checkbox"/></b>
<b>Minimization Successful to Date: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></b>	<b>Violations Observed: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>	<b>Adaptive Management Needed: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>
<b>Additional Notes: No evidence was found of raven or canid predation on desert tortoises in the Translocation Area (TA) today. Fresh tortoise scat and burrows were observed.</b>		
<b>Certification: “I certify that, to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of this report, the information submitted is true, accurate and complete”. Signature: Paul Delaney Ph.D.</b>		