

# **QUARTERLY PROGRESS REPORT**

AS REQUIRED BY

**SETTLEMENT AGREEMENT AND  
ADMINISTRATIVE ORDER ON CONSENT  
(AOC3)**

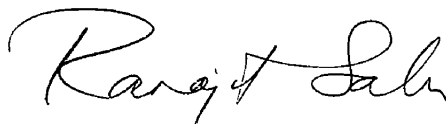
**SECTION XIII, PARAGRAPHS 1 and 2.**

SUBMITTED BY

**BASIC REMEDIATION COMPANY**

DATED APRIL 15, 2014

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances. I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.



April 15, 2014

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Dr. Ranajit Sahu, C.E.M. (No. EM-1699, Exp. 10/07/2015)Date  
BRC Project Manager

## **1. Introduction**

This Quarterly Progress Report is being submitted to the Nevada Division of Environmental Protection (NDEP) pursuant to the requirements of Paragraphs 1 and 2 of Section XIII of the AOC3 executed between the Parties and NDEP on February 15, 2006. The format of this report is based on the requirements stated in Paragraph 1 of Section XIII. This report covers activities between January 1 and March 31, 2014.

## **2. Actions Taken Towards Achieving Compliance**

In addition to the various documents submitted to the NDEP discussed below, BRC and NDEP held meetings and telephone calls in order to achieve progress on project activities. Telephone meetings were held between the BRC management, the BRC Project Manager and the NDEP Project Manager (occasionally along with representatives from the City of Henderson as well as consultants representing the prospective property buyer) roughly every two weeks. Minutes of these meetings are maintained separately.

The CAMU (Phase V only) remains open in order to accept wastes as needed and will remain open till remediation activities cease and the requisite soils NFAs are obtained from the NDEP. Wastes from several “polygon” scrapes from the Eastside (including the Triangle sub-area) were placed into Phase V during this period. BRC also implemented various maintenance tasks at the CAMU, conducted repairs to rectify storm damage to portions of the CAMU storm channel during this period, and conducted leachate collection and sampling of the various CAMU sumps, as needed.

BRC obtained NDEP approval of the data report for the first annual groundwater monitoring at the CAMU pursuant to the NDEP-approved long-term CAMU groundwater monitoring work plan. BRC initiated planning for the second annual event.

During this period, BRC also re-submitted the application to the NDEP for renewal of the CAMU RAP. All NDEP comments that were received prior were addressed except for financial assurance. Discussions between NDEP and BRC on the documentation needed for post-closure financial assurance continued and were successfully concluded. The public notice for the renewal of the RAP is expected to be issued early in the next quarter.

Additionally, BRC: (a) obtained the NFA for the Sunset North sub-area; (b) completed clean soils placement activities in the Hook/Open Space sub-areas and completed a final round of field sampling in the Hook sub-area; (c) completed iterative scraping/confirmation sampling for the Eastside Main sub-area; (d) initiated preparation of the Eastside Main sub-area health risk assessment; (e) continued scraping and consolidation activities of impacted soils in the Triangle area near Pabco Rd/Warm Springs Rd/Jokers Wild casino for ultimate placement into the CAMU; and (f) continued discussions with the NDEP on various policy and technical groundwater issues including

discussions on the Technical Memorandum relating to upgradient groundwater issues for the Eastside, with focus on arsenic as an example.

Results of previous confirmation sampling were received and analyzed and appropriate data validation activities also occurred. BRC also provided asbestos laboratory data to the NDEP for their review for samples taken in the Eastside Main as well as the Hook/Open Space sub-areas.

### **3. Sampling Conducted**

BRC collected various samples in support of the remediation effort including confirmation and re-confirmation soil samples as noted above in targeted portions of the Eastside Main and Triangle sub-areas.

### **4. Work Plans and Other Deliverables Submitted Including Modifications**

Attachment A shows a list of all documents that were submitted to NDEP in this period. Attachment B shows a list of all NDEP documents received during this period.

### **5. Actions Scheduled for Next Quarter**

Activities planned include: obtaining the results of the final sampling for the Hook/Open Space sub-areas and, depending on the sample results, initiating the risk assessments (as needed) for the NFAs for these sub-areas; submittal of the HRA for the Eastside main sub-area; completing the iterative scraping/confirmation sampling of the Triangle sub-area; removal of the impacted soils underneath Pabco Road in the Triangle sub-area; resolving the financial assurance documentation issues associated with the RAP renewal leading to its reissuance; and continuing policy and technical discussions with the NDEP regarding various groundwater issues for the Eastside.

The following Work Plans and Other Deliverables are planned to be submitted to the NDEP in the next period:

- (i) Revised Project Schedule (updated as needed).
- (ii) Various Data Validation Summary Reports, as needed.
- (iii) Various documents discussed above.

Additional documents may also be submitted depending on project progress.

### **6. Completions, Delays and Mitigations**

While the soil remediation effort is nearing an end, BRC and the NDEP continue to have discussions in order to properly sequence efforts for groundwater.

### **7. Planned Modifications to Remedial Actions**

None planned.

**8. Community Relations Plan Actions Taken**

None.

**9. Community Relations Plan Actions for Next Quarter**

The project website is updated periodically, as needed, to include documents submitted to the NDEP.

## Appendix A - Documents Submitted To NDEP

TO	FROM	DATE	SUBJECT
Michael Friend	Geosyntec on behalf of BRC	1/2/2014	RAP Permit Renewal
BMI Compliance Coordinator	Lee Farris, Ranajit Sahu	1/8/2014	Data Validation Summary Report for the 2013 CAMU Annual Long-Term Groundwater Monitoring Event-April 2013 (Dataset 74a), Revision 3
Michael Friend	Geosyntec on behalf of BRC	1/10/2014	BRC CAMU Status Memo 141
Michael Friend	Geosyntec on behalf of BRC	1/17/2014	BRC CAMU Status Memo 142
Michael Friend	Lee Farris, Ranajit Sahu	1/22/2014	CAMU 2013 Groundwater Monitoring Report, BRC Corrective Action Management Unit (CAMU) Area, Revision 0
Michael Friend	Geosyntec on behalf of BRC	1/24/2014	BRC CAMU Status Memo 143
Michael Friend	Geosyntec on behalf of BRC	1/31/2014	BRC CAMU Status Memo 144
Michael Friend	Geosyntec on behalf of BRC	1/31/2014	Revised Submittal of Closure and Post-Closure Costs for BRC RAP Permit Renewal
Michael Friend	Geosyntec on behalf of BRC	2/7/2014	BRC CAMU Status Memo 145
Michael Friend	Geosyntec on behalf of BRC	2/12/2014	Revised Submittal of Closure and Post-Closure Costs for BRC RAP Permit Renewal - Attachment Q
Michael Friend	Geosyntec on behalf of BRC	2/14/2014	BRC CAMU Status Memo 146
Greg Lovato	Lee Farris, Ranajit Sahu	2/19/2014	Human Health Risk Assessment and Closure Report for the Sunset North Commercial Sub-Area, Replacement Pages
Greg Lovato	ERM on behalf of BRC	2/20/2014	Human Health Risk Assessment and Closure Report for the Sunset North Commercial Sub-Area, BMI Common Areas (Eastside)
Michael Friend	Geosyntec on behalf of BRC	2/21/2014	BRC CAMU Status Memo 147
Michael Friend	Geosyntec on behalf of BRC	2/28/2014	BRC CAMU Status Memo 148
Michael Friend	Geosyntec on behalf of BRC	3/7/2014	BRC CAMU Status Memo 149
Michael Friend	Geosyntec on behalf of BRC	3/14/2014	BRC CAMU Status Memo 150
Michael Friend	Geosyntec on behalf of BRC	3/21/2014	BRC CAMU Status Memo 151
Michael Friend	Geosyntec on behalf of BRC	3/28/2014	BRC CAMU Status Memo 152

## Appendix B - Documents Received From NDEP

TO	FROM	DATE	SUBJECT
Mark Paris	James (JD) Dotchin	1/21/2014	BMI Plant Sites, Regional Area and Common Areas Projects, Henderson, NV NDEP BMI GW Goals and Directives
Mark Paris	Michael P. Friend	2/18/2014	CAMU 2013 Long-Term Groundwater Monitoring Report, BRC Corrective Action Management Unit (CAMU Area Dated January 23, 2014
Mark Paris	James (JD) Dotchin	3/11/2014	NFA - Sunset North Commercial Sub-Area
Mark Paris	James (JD) Dotchin	3/26/2014	BMI Plant Sites, Regional Area and Common Areas Projects, Henderson, NV NDEP Personnel Changes and Requirements for Submittal of Deliverables to NDEP and Distribution of Deliverables to Other Companies