



December 4, 2017

Chief, Central New York Remediation Section  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency, Region II  
290 Broadway, 20th Floor  
New York, New York 10007-1866  
Attention: George Jacob, Remedial Project Manager

RE: JCI Jones Chemicals Inc. Superfund Site; Caledonia, New York;  
RD/RA Consent Decree

Dear George,

As required by Section X, Paragraph 30 of the above referenced Consent Decree, attached please find a written monthly progress report for the month of November 2017.

Please contact me at (585) 538-2314 if you have any questions or require additional information.

Very truly yours,

A handwritten signature in black ink, appearing to read "Tim Gaffney", written over a horizontal line.

Timothy J. Gaffney  
Executive Vice President

TJG:tg

cc: Elizabeth Leilani Davis, Esq. (USEPA)  
Chris Magee (NYSDEC)  
Bernette Schilling (NYSDEC)  
Justin Deming (NYSDOH)  
Melissa Doroski (NYSDOH)  
Shekhar Melkote (Geosyntec)

**JCI JONES CHEMICALS INC.  
CALEDONIA, NEW YORK FACILITY  
REMEDIAL DESIGN/REMEDIAL ACTION**

The Monthly Progress Report within consists of the following sections:

- A. Work Performed – November 2017
- B. Summary of Results of Sampling, Tests, and Data
- C. Work Plans, Plans, and Deliverables Completed and Submitted
- D. Work to Be Performed ... December 2017 and January 2018
- E. Completion Summary
- F. Modifications to Work Plans or Schedules
- G. Community Relations Plan

**A. WORK PERFORMED – NOVEMBER 2017**

The ground water extraction and treatment system (GWETS) continues to operate 24 hours a day and is currently pumping and treating approximately 300 gallons per minute.

The Annual Operation, Monitoring and Maintenance Report for the Site was completed on November 28, 2017 and submitted to the Agencies on November 30, 2017.

**B. SUMMARY OF RESULTS OF SAMPLING, TESTS, AND DATA**

The Annual Operation, Monitoring and Maintenance Report for the Site was submitted to the Agencies on November 30, 2017.

**C. WORK PLANS, PLANS, AND DELIVERABLES COMPLETED AND SUBMITTED**

The Annual Operation, Monitoring and Maintenance Report for the Site was submitted to the Agencies on November 30, 2017.

**D. WORK TO BE PERFORMED – DECEMBER 2017 AND JANUARY 2018**

Continue operation, monitoring and maintenance of the groundwater remediation system.

Discuss with the Agencies the draft preliminary conceptual remedial proposal for enhancement/optimization of the existing ISVE at the site that JCI sent the USEPA on July 24, 2017. If this proposal is approved by the Agencies, a formal Work Plan for this proposal would then be prepared and submitted to the Agencies by JCI.

**E. COMPLETION SUMMARY**

Table 1 and Table 2 present the completion summary of the actions that have been taken toward achieving compliance with the Consent Decree and the Statement of Work.

**F. MODIFICATIONS TO WORK PLANS OR SCHEDULES**

None.

**G. COMMUNITY RELATIONS PLAN**

None.

**TABLE 1:** Activities Completion Summary, November 2017  
JCI Jones Chemicals, Inc., Caledonia, New York  
Consent Decree: Remedial Design/Remedial Action

CONSENT DECREE REFERENCE	ACTIVITY	PROJECT DATES			REGULATORY REVIEW			PERCENT COMPLETE	COMMENTS
		Start Date	Scheduled Completion Date	Actual Completion Date	Comments Received	Re-Submission	Approval		
	Consent Decree Lodging Date			08/31/01				100	
	Consent Decree Entry Date			04/24/02				100	
	Consent Decree Effective Date			04/24/02				100	
Section III Paragraph 3	Provide copy of Consent Decree to contractors, subcontractors	08/31/01							Ongoing as needed
Section V Paragraph 9a	Submit to USEPA a Notice to Successors-In Title	04/24/02	05/15/02	05/17/02			08/05/02	100	Within 15 business days of entry of Consent Decree
Section V Paragraph 9a	Record Notice to Successors-In-Title	06/05/02	06/19/02	06/17/02				100	Within 10 business days of USEPA's approval
Section V Paragraph 9a	Provide USEPA Certified Copy of Notice to Successors-In-Title	06/17/02	07/01/02	06/19/02				100	Within 10 business days of recording notice
Section V Paragraph 9b	Provide grantee and USEPA notice of conveyance of interest in property								30 days prior to conveyance of interest in property
Section VI Paragraph 10a	Notify USEPA of JCI's Supervising Contractor	08/31/01	08/15/01	08/14/01			08/17/01 (Verbal)	100	Within 15 days after lodging of Consent Decree
Section VI Paragraph 10	Notify USEPA for waste shipments > 10 cubic yards								Prior to off-site shipment to out-of-state facility
Section VII Paragraph 16	Periodic review of whether RA is protective of human health and the environment	11/23/10		09/26/11 (First Five-Year Review Report) 10/22/15 (Second Five-Year Review)				100	Every 5 years
Section VIII Paragraph 22	Notify USEPA prior to any sample collection activity	12/13/01	12/13/01	12/13/01 (For Pre-RD Fieldwork)			12/13/01	100	Within 28 days prior to sample collection activities
		11/08/03	11/08/03	11/06/03					
		09/08/04	09/08/04	09/08/04					
		04/01/05	04/01/05	04/01/05					
		06/17/05	06/17/05	06/17/05					
		08/19/05	08/19/05	08/19/05					
		04/24/06	04/24/06	04/24/06					
		06/06/06	06/06/06	06/06/06					
		11/02/06	11/02/06	11/02/06					
		03/30/07	03/30/07	03/30/07					
		10/11/07	10/11/07	10/11/07					
		04/01/08	04/01/08	04/01/08					
		10/08/08	10/08/08	10/08/08					
		04/29/09	04/29/09	04/29/09					
		10/19/09	10/19/09	10/19/09					
		05/05/10	05/05/10	05/05/10					
		10/26/10	10/26/10	10/26/10					
		03/07/11	03/07/11	03/07/11					
		08/27/11	08/27/11	08/27/11					
		10/25/11	10/25/11	10/25/11					
		05/03/12	05/03/12	05/03/12					
		10/05/12	10/05/12	10/05/12					
		02/28/13	02/28/13	02/28/13					
		05/01/13	05/01/13	05/01/13					
		11/07/13	11/07/13	11/07/13					
		03/25/14	03/25/14	03/25/14					
		07/03/14	07/03/14	07/03/14					
		10/21/14	10/21/14	10/21/14					
		03/03/15	03/03/15	03/03/15					
		05/04/15	05/04/15	05/04/15					
		02/02/16	02/02/16	02/02/16					
		08/03/16	08/03/16	08/03/16					
		01/18/17	01/18/17	01/18/17					
		08/01/17	08/01/17	08/01/17					

**TABLE 1:** Activities Completion Summary, November 2017  
JCI Jones Chemicals, Inc., Caledonia, New York  
Consent Decree: Remedial Design/Remedial Action

CONSENT DECREE REFERENCE	ACTIVITY	PROJECT DATES			REGULATORY REVIEW			PERCENT COMPLETE	COMMENTS
		Start Date	Scheduled Completion Date	Actual Completion Date	Comments Received	Re-Submission	Approval		
Section VIII Paragraph 23	Submit results of sampling, tests, data to USEPA			04/30/02 12/30/03 04/28/05 07/14/05 12/28/05 08/17/06 02/21/07 07/23/07 07/25/08 08/13/08 02/26/09 07/16/09 02/19/10 08/12/10 02/15/11 09/14/11 01/31/12 07/26/12 01/28/13 06/04/13 06/20/13 08/20/13 01/27/14 07/20/14 09/18/14 03/24/14 10/03/14 01/09/15 04/21/15 08/19/15 08/28/15 04/13/16 11/17/16 05/23/17 *1/30/17				100	Within 15 days of receipt of results, tests, data
Section IX Paragraph 25a	Provide site access to USEPA for JCI Property	Ongoing						100	Commencing on Lodging Date of Consent Decree
Section IX Paragraph 25b	Refrain from using on site groundwater for potable use	Ongoing						100	Commencing on Lodging Date of Consent Decree
Section IX Paragraph 25c	Submit Draft Easement to USEPA (Appendix D of Consent Decree) (JCI Property)	04/24/02 03/10/14	06/08/02 05/31/15	06/10/02 07/22/16			3/1/2016	100	Within 45 days of entry of the Consent Decree
Section IX Paragraph 25c	Update title search and record the easement w/ County (JCI Property)			04/04/16				100	Within 15 days of USEPA's approval of draft easement
Section IX Paragraph 25c	Provide USEPA w/ final title and original recorded easement (JCI Property)			04/22/16				100	Within 30 days of recording of the easement
Section IX Paragraph 26a	Obtain access agreements from off-site parties	04/24/02 07/31/11	06/08/02 07/11/11	06/07/02 07/07/11				100	Within 45 days of entry of the Consent Decree
Section IX Paragraph 26b	Obtain restrictive agreements from off-site parties	04/24/02	06/08/02	06/07/02				100	Within 45 days of entry of the Consent Decree
Section IX Paragraph 26c	Submit Draft Easement to USEPA (Appendix D of Consent Decree) (Off-Site Properties)						4/12/2017	100	Within 45 days of request from USEPA
Section IX Paragraph 26c	Update title search and record the easement w/ County (Off-Site Properties)			04/26/17				100	Within 15 days of USEPA's approval of draft easement
Section IX Paragraph 26c	Provide USEPA w/ final title and original recorded easement (Off-Site Properties)			04/26/17				100	Within 30 days of recording of the easement
Section X Paragraph 30	Submit monthly progress report to USEPA	Ongoing						100	Due the 10th of each month
Section X Paragraph 31	Notify USEPA of changes in the schedule of activities								Within 7 days prior to performance of activity
Section X Paragraph 32	Notify USEPA of events during performance of the work that are reportable under CERCLA or EPCRA								Within 24 hours of on-set of event (notify orally)

**TABLE 1: Activities Completion Summary, November 2017**  
**JCI Jones Chemicals, Inc., Caledonia, New York**  
**Consent Decree: Remedial Design/Remedial Action**

CONSENT DECREE REFERENCE	ACTIVITY	PROJECT DATES			REGULATORY REVIEW			PERCENT COMPLETE	COMMENTS
		Start Date	Scheduled Completion Date	Actual Completion Date	Comments Received	Re-Submission	Approval		
Section X Paragraph 33	Provide written report to USEPA for events under Paragraph 32								Within 20 days of on-set of event, and within 30 days of conclusion of event
Section XI Paragraph 36	Correct a deficient report								Within 30 days of notice of deficiency from USEPA
Section XI Paragraph 38a	Correct a disapproved report								Within 14 days of notice of disapproval from USEPA
Section XII Paragraph 42	Notify USEPA of JCI's Project Coordinator	08/31/01	09/15/01	09/14/01			09/17/01 (Verbal)	100	Within 15 days after lodging of Consent Decree
Section XIII Paragraph 45	Establish and maintain financial security	08/31/01  02/24/14	09/30/01  05/24/14	10/03/01 (Letter of Credit) 04/21/14 (Surety Bond)				100	Within 30 days of lodging of Consent Decree
Section XIII Paragraph 46	Obtain additional financial assurance								Within 30 days of notice from USEPA
Section XIII Paragraph 47	Reduce the amount of financial assurance	08/20/02 05/06/04 01/12/06 08/02/06 09/20/06	05/01/04	06/18/04	5/12/2009		6/18/2004	100	Anniversary date of entry of Consent Decree
Section XIV Paragraph 50	Conduct pre-certification inspection								Within 30 days after conclusion of all work required by the Consent Decree
Section XV Paragraph 51	Notify USEPA of conditions posing an immediate threat								Immediate notification to USEPA
Section XVI Paragraph 53	Pay USEPA's Past Response Costs (\$30,688.70)	04/24/02	05/24/02	05/23/02				100	Within 30 days of effective date of the Consent Order
Section XVI Paragraph 54	Pay USEPA's Future Response Costs	08/19/03  							

TABLE 1: Activities Completion Summary, November 2017  
JCI Jones Chemicals, Inc., Caledonia, New York  
Consent Decree: Remedial Design/Remedial Action

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TABLE 2:

Activities Completion Summary, November 2017  
JCI Jones Chemicals, Inc., Caledonia, New York  
Statement of Work

ACTIVITY	PROJECT DATES			REGULATORY REVIEW			PERCENT COMPLETE	COMMENTS
	Start Date	Scheduled Completion Date	Actual Completion Date	Comments Received	Re-Submission	Approval		
Notify USEPA of JCI's Supervising Contractor	08/31/01	09/15/01	09/14/01			09/17/01 (Verbal)	100	Within 15 days of lodging of Consent Decree
Submit Remedial Design Work Plan to USEPA	09/17/01	10/17/01	10/17/01	11/28/01	12/05/01	12/13/01	100	Within 30 days of USEPA's approval of JCI's Supervising Contractor
Submit Final Design Report for Remedial Work Elements I and II	12/13/01	03/13/02	04/30/02	08/05/02 01/09/03 02/25/03	10/16/02 02/10/03 03/03/03	03/04/03	100	Within 3 months of USEPA's approval of the Remedial Design Work Plan
Award contract for Remedial Action	03/04/03	04/18/03	05/09/03				100	Within 45 days of USEPA's approval of the Final Design Report
Submit Remedial Action Work Plan to USEPA	05/09/03	06/23/03	06/13/03			8/5/2003	100	Within 45 days of awarding the Remedial Action contract
Complete construction of Remedial Work Elements I and II	08/05/03	02/05/04	03/30/04				100	Within 6 months of USEPA's approval of the Remedial Action Work Plan
Submit Operation and Maintenance Manual to USEPA for Remedial Work Element II	08/05/03	01/05/04	09/16/04				100	No later than 30 days prior to the scheduled completion date of Remedial Work Element II
USEPA and JCI to conduct pre-final inspection for each Remedial Work Element	Discuss w/ USEPA						100	At least 14 days prior to completion of construction of each Remedial Work Element
USEPA, NYSDEC and JCI to conduct final inspection of Remedial Work Element I								Within 30 days after JCI has met the Performance Standards for Remedial Work Element I
Submit Draft Remedial Action Report for Remedial Work Element I to USEPA								Within 30 days of the final inspection of Remedial Work Element I
Submit Draft Interim Remedial Action Report for Remedial Work Element II to USEPA		09/22/06	09/22/06	9/26/2006	9/26/2006	9/29/2006	100	Within 45 days after USEPA determines construction is complete
Continue remedial action and monitoring activities for Remedial Work Element II	09/29/06						Ongoing	Upon USEPA's approval of Interim Remedial Action Report for Remedial Work Element II
Submit Notice of Completion and Final Remedial Action Report to USEPA for Remedial Work Element II								Within 30 days after JCI has met the Performance Standards for Remedial Work Element II for the third consecutive year
Submit Post-Remediation Monitoring Plan to USEPA for Remedial Work Element II								Within 45 days after JCI has met the Performance Standards for Remedial Work Element II for the third consecutive year
Conduct Post-Remediation Monitoring for 3 years								Upon USEPA's approval of Post-Remediation Monitoring Plan
Submit Notice of Completion for Post-Remediation Monitoring to USEPA								Within 5 days of completion of post-remediation monitoring

TABLE 2:

Activities Completion Summary, November 2017  
 JCI Jones Chemicals, Inc., Caledonia, New York  
 Statement of Work

ACTIVITY	PROJECT DATES			REGULATORY REVIEW			PERCENT COMPLETE	COMMENTS
	Start Date	Scheduled Completion Date	Actual Completion Date	Comments Received	Re-Submission	Approval		
Submit Final Report for Post-Remediation Monitoring to USEPA								Within 45 days of completion of post-remediation monitoring
USEPA and JCI to conduct Pre-Certification Inspection								Within 60 days after JCI concludes that all phases of work have been completed
Submit written report to USEPA stating that all work has been completed								After the Pre-Certification Inspection has been completed