



Krejci Dump Cleanup and Restoration

Archived Updates

(Update 09-10-10)

Soil excavation and cleanup verification sampling continue on both the East Site and West Site, as well as erosion control and other site maintenance activities. Much of the current activity at the site is related to the removal of accumulated sediments in the sediment control structures, particularly in the West Site ravine. Sediment removal will increase the capacity of storm water control and sediment retention as a protective measure for area surface waters. While it was hoped that excavation activities for the East Site would be completed this summer, remediation goal exceedances were identified requiring additional excavation and sampling. Once all remediation goals have been achieved, all disturbed areas will be graded and seeded, possibly in late fall 2010 or spring 2011. Grading and revegetation will include the creation of approximately three acres of wetlands, primarily on the East Site, to mitigate for past wetland losses at the site.

(Update 03-09-10)

From August 2009 to the end of February 2010, the Krejci Site contractor performed additional soil excavation in those portions of the Site where sampling indicated continued exceedance of the remediation goals. Following each round of excavation, cleanup verification sampling (CVS) was performed to determine where remediation goals had been met and where additional excavation was needed. This process will continue until all remediation goals have been met in all areas of the Site. Although final data reports are pending, it appears that the East Site (the area of the Krejci Site southeast of I-271) is nearing completion. Once data reports have been approved by the National Park Service and an area of the Site is considered "clean" (i.e., all remediation goals have been attained), then regrading and revegetation plans will be developed by the Site contractor, including plans for wetland restoration. Given current information, it is anticipated that regrading and revegetation of the East Site is likely to occur in the summer or fall of 2010, followed by vegetation monitoring and erosion maintenance.

Update (08-05-09)

After the West Site entrance and staging pad construction was completed in December 2008, the Site contractor began work on enhancing erosion control structures on both the West and East Sites. The Site contractor is completing a round of cleanup verification sampling (CVS). CVS generates data that is then analyzed and used to identify areas of the Site where Remediation Goals have not been met and,

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therefore, where additional excavation is needed. The Site contractor and the National Park Service have been reviewing the CVS data as it is generated, and while all data is not yet in, at this time it appears that a significant area of the Site will require additional excavation. For this reason, the Site contractor has developed a plan to initiate additional soil excavation on August 17, 2009. The excavation will begin on the portion of the East Site to the north of Hines Hill Road, then move to the portion of the East Site south of Hines Hill Road. The Site contractor and the National Park Service are making every effort to limit interference with the traffic flow on Hines Hill Road during the excavation, loading, and transportation of material to and from the Site. As the excavation of the East Site continues, another round of CVS will follow. Excavation and further sampling will continue until Remediation Goals have been met. It is anticipated that excavation of the West Site will begin in October 2009, and be completed by the end of the calendar year or soon thereafter. Grading, revegetation, and final road repairs will follow, but such activities cannot begin until all excavation has been completed.

Update (05-14-09)

During the winter and spring months, contractors at the Krejci Dump Site have been removing accumulated sediment from the catch basins and performing maintenance activities on the other erosion control structures, such as replacing hay bales and silt fencing and placing seed for temporary vegetation cover. Over the course of the last 12 months, soil samples have been collected and analyzed to determine whether or not the Site Remediation Goals (RGs, or cleanup levels) have been met. Although contaminant concentrations were significantly reduced by the first round of soil and debris removal, a significant portion of the Site continues to exceed the cleanup levels. Consequently, preparations are underway for additional soil removal from both the East and West Sites. A staging pad was built on the West Site in December 2008, and East Site staging pads will be installed this summer. Trees have been selectively removed recently from some of the areas that will be subject to the upcoming soil excavation. It is anticipated that additional soil removal will begin in August 2009 and continue for 2 to 3 months. Soil sampling will be performed as areas are excavated to determine the need for further excavation to meet cleanup levels. The same safety measures and traffic patterns will be used during these activities as were used during the 2005 to 2007 soil removal. Site regrading and revegetation can begin once site cleanup levels have been attained and no further soil removal is necessary, which NPS projects will be sometime in 2010.

Update (03-24-09)

Upcoming site activities include tree cutting in some areas to facilitate excavation and the removal of accumulated sediments from the sediment control structures within the site. Sediment removal had been delayed by the weather and site conditions. These activities are expected to occur over the next few weeks. Verification sampling tests are still being evaluated to determine whether remediation goals have been met across the site. After these tests are complete, the extent of further excavation at the site will be known.

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Update (11-21-08)

On November 10, 2008, Ford's contractor, EQIS, began resampling certain grids where last summer's results indicated contaminant concentrations close to the Remediation Goal established for the Krejci Dump Site. Resampling activities will require less than a week of fieldwork, followed by six to eight weeks of laboratory analysis and data interpretation. In addition, EQIS is implementing site maintenance activities on erosion control structures, including repair or replacement of silt fences and hay bales within the East and West Sites. These activities will continue as needed for the duration of the project. The week of November 17, EQIS began the reconstruction of the West Site entrance along Hines Hill Road. This activity will involve the removal of fewer than 10 truckloads of soil and debris, followed by delivery of clean gravel and other materials needed to rebuild the entrance. The northbound lane of Hines Hill Road will be closed for one or two days and the contractor will provide flaggers to ensure traffic safety at these times. Following the reconstruction of the entryway, EQIS will build a new staging area within the Site adjacent to the entrance. This staging area will be use, among other things, to support a vacuum system that will be used for the removal of accumulated sediments from the sediment control structures within the site. Staging area construction is expected to take approximately two weeks, followed by one to two weeks of sediment removal.

Update (11-04-08)

During the week of November 10, contractors at the Krejci Dump Site will be working to re-establish a staging area on the West Site. This activity will require traffic control on Hines Hill Road during construction. In the following weeks, maintenance activities to remove accumulated sediment from sediment basins and check dams will be undertaken. A small amount of truck traffic is expected. Verification sampling results (which will indicate the extent of any further excavation activities) are still forthcoming.

Update (07-30-08)

With the exceptions identified below, there will be an anticipated lull in site activity for the months of August, and September while the contractor analyzes data generated from soil sampling conducted in the past few months. Small flags observed at the site were part of this sampling effort. If the sampling results are considered valid, it will be determined whether remediation goals have been met and where additional site excavation is needed. Two exceptions to this lull are activities associated with rebuilding the West Site entryway and maintenance of the sedimentation basins. Plans are being made for the West Site entrance on Hines Hill Road to be stabilized and reconstructed to facilitate removal of sediment from erosion control structures, as well as possible future excavation in areas where remediation goals have not been met. The entrance reconstruction may require the removal of fewer than 10 truckloads of soil and debris, and if so, the northbound lane of Hines Hill Road will be closed for one day during this construction activity, and the contractor will provide flaggers to ensure traffic safety. It is anticipated that excavation will resume in October, but at this time, it is not possible to predict how extensive this excavation effort will be. Excavation and further sampling will continue until remediation goals have been met. Grading, revegetation, and final road repairs will follow, but such activities cannot begin until all excavation has been completed.

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Update (07-14-08)

The contractors remobilized this spring to conduct Cleanup Verification Sampling. The sampling was finally completed in June. Testing to see whether we have met remediation goals for contaminants across the site is underway.

Update (02-21-08)

Contractors will be drilling a groundwater monitoring well to replace one that was damaged during the excavation. Winter site monitoring continues with assessments of storm water control structures during significant rain events or snow melt. Full remobilization for testing of soils and possible additional excavation will not likely occur until late spring.

Update (10-11-07)

Excavation work at the site ceased in September 2007 pending soil testing to assess whether they have met remediation goals (see previous update for details). The initial excavation resulted in 234,213 tons of contaminated soil being removed from the site.

Update (09-26-07)

After 2 years of work, the initial excavation at the Krejci Dump site is complete. The contractor has stabilized the site and is testing soils to assess whether they have met all remediation goals set forth in the Remedial Action Work Plan. Should any areas fail this testing, the contractor will return to the site for further excavation activities. . After the site is deemed "clean," a final Grading Plan and a Wetland Restoration Plan will be developed. Once approved, final grading, re-vegetation and wetland restoration will commence. No further excavation or grading is expected until spring 2008. Activities during the shutdown period will be limited to soil testing, water quality monitoring, and regular monitoring and maintenance of sediment and erosion control measures.

Update (09-05-07)

The Krejci Dump Clean-up and Restoration has reached a major milestone! After almost 2 years of work, the initial excavation is nearing completion. The contractor expects to finish up, stabilize soils with seeding and/or erosion control matting and demobilize excavation equipment by early October. At that point, testing of soils will be completed to assess whether they have met all remediation goals set forth in the Remedial Action Work Plan. Should any areas fail this testing, the contractor will return to the site for further excavation activities. This is not expected to occur until spring. In any event, the

next steps following confirmation of meeting remediation goals is to develop a final Grading Plan and a Wetland Restoration Plan for the East Site. Once approved, final grading, re-vegetation and wetland restoration will commence.

Update (06-12-07)

The combined total of all West Site and East Site soil and debris removals is approximately 184,030 tons through May 30. The support area for the project will soon move to the south side of Hines Hill Road. This will facilitate the completion of the removal action and future sampling, grading, and restoration of the West Site.

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Update (04-25-07)

EQIS, the contractor completing the clean-up of the Krejci Dump Site has completed the third round of roadside monitoring that was put in place to help document any movement of contamination off-site during the clean-up process. Briefly, the results do not indicate any that any significant change in roadside contaminant levels has occurred since the start of the clean-up.

Currently, work is continuing on the East Site, and plans for a significant Hines Hill Road repair are in motion now that the weather is warming up.

Update (12-11-06)

The combined total of all West Site and East Site soil and debris removals is 136,772 tons to date, including hazardous and non-hazardous waste. A total of 13,053 tons of soil and debris have been removed from the East Site and taken to EQ Company Landfills in Michigan as hazardous waste. The site will be closed from 25 December 2006 through 2 January 2007.

Update (10-25-06)

The contractor reports that over 108,000 tons of material was removed through September. Concrete barriers have been installed near an excavated ravine to ensure traffic safety. Brief traffic stops have also become necessary to allow for excavation and equipment movement. These interruptions are being timed so as to minimize any inconvenience.

Update (09-18-06)

The contractor is now actively removing material from the East Site. Traffic signs had been moved to help alert motorists of the activity. Until this past week, all material that has been trucked off both the West and East Sites was non-hazardous material with low levels of contaminants. The contractor has now begun moving some loads that contain the higher-level hazardous material.

Update (07-05-06)

EQIS, the contractor completing the clean-up of the Krejci Dump Site has completed the second round of roadside monitoring that was put in place to help document any movement of contamination off-site during the clean-up process. The second report contains a brief analysis of the findings. Briefly, the results do not indicate any that any

significant change in roadside contaminant levels has occurred during this phase of the clean-up. Much of the West Site has been stabilized with erosion matting and seed temporarily as the contractor awaits the results of testing for remediation goals.

Road-building and other preparatory activities have begun on the East Site.

Update (04-05-06)

The contractor reports that 2,447 truckloads (approximately 40,031 cubic yards or 56,044 tons) of material have been removed from the West Site to-date.

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Update (02-06-06)

The contractor reports that 1,602 truckloads (approximately 26,670 cubic yards or 37,338 tons) of material have been removed from the West Site to-date. Clearing of vegetation on the East Site will be started this week.

Update (01-26-06)

The contractor reports that 1,277 truckloads (approximately 21,168 cubic yards or 29,636 tons) of material have been removed from the West Site to-date. Clearing of vegetation on the East Site will begin soon.

Update (12-22-05)

Many thanks to all who attended the Open House on December 21. There will be additional opportunities to visit the site at open houses throughout the clean-up process. The contractor reports that as of December 16, a total of 722 truckloads with 16,730 tons (11,971 cubic yards) of material have been moved to off-site disposal facilities. Thus far all activities have been confined to the West Site. However, the contractor plans on beginning to clear vegetation at the East Site in early January.

Update (12-07-05)

The first Public Open House at the Krejci Site for local residents will be held December 21, 2005 from 11 a.m. - 1 p.m.

Update (11-23-05)

The contractor reports that 300 truckloads (approximately 4500 - 5400 cubic yards) of material have been removed from the site to-date.

Update (11-05-05)

The site clean-up activities and truck traffic may now take place on Monday through Saturday as long as the weather allows.

(Update 10-25-05)

Trucks began hauling contaminated materials from the West Site to the designated landfill on Monday, October 24.

(Update 10-17-05)

Preparation for the cleanup is almost complete. Soil testing has revealed that the initial excavation work at the West Site will focus only on non-hazardous material with low levels of contaminants. Excavation and associated truck traffic are expected to start sometime this week. Concerns raised by Boston Heights' residents have been addressed in Action Plan amendments already posted on this park web site. These changes include providing a flagger at the intersection of Hines Hill Rd. and Olde Eight at morning rush hour, additional hazardous spill response measures, monthly public open houses, and testing for contaminants along the road.

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Update (10-12-05)

Krejci Dump Remedial Action Work Plan Modification is published to address Village of Boston Heights issues.

Update (10-04-05)

For the next few weeks, preparation for the cleanup continues. Activities include setting up utilities, installing the clean entry/exit road for trucks, preparing the decontamination barn, and clearing and grubbing the construction area. Hazardous material excavation and associated truck traffic is expected to start sometime later in October.

Update (9-07-05)

The Krejci Site remedial action is scheduled to commence on Wednesday, September 14, 2005. For the first two weeks, work will consist of preparing the support zone, trailer mobilization, setting up utilities, surveying, and construction of soil erosion control features.

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