

ENVIRONMENTAL MONITOR WEEKLY REPORT
WEEK ENDING **May 12, 2017**

Distribution

This report was sent to the following individuals via. e-mail:

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The following individuals were also CC'd via e-mail:

Mark Cain, MADOT, mark.cain@dot.state.ma.us
Tim Kelley, *Project Manager*, D.W. White, tkelley@dwwhite.com
Rich Kirby, *Environmental Monitor Team member, LEC*, RKirby@lecenvironmental.com

INSPECTIONS

On April 19th and April 27th, a pre-construction conference was held where members of MassDOT, the Concord DCR, DW White, and Environmental Monitor team walked the site to review the erosion controls, tree clearing, grubbing, and thinning, and invasive species removal in accordance with condition 24 of the OOC.

On May 1, 2017, Evan Watson visited the site to observe the initial start of work. Work was proceeding as discussed with the exception of the height of the stumps. Stumps were being left 3' above grade to allow for grubbing. The contractor was notified that stumps should be cut as low to the ground as possible. The contractor directed the clearing crew to revise his methodology. Stumps that were left too high will be cut with a chainsaw.

On May 8, 2017, Evan Watson visited the site following heavy rain event on Saturday, May 5th. Areas that have been cleared were inspected. No evidence of erosion was found anywhere on the site.

STATUS OF CONSTRUCTION

On May 1, 2017, construction began with tree clearing. No stumping took place over this reporting period. Trees were cut and bunched into piles. Once the piles were removed from a particular area, erosion control was installed in those areas.

REGULATED AREAS

Prior to the start of construction, the resource areas within the Right-of-Way were re-flagged by a survey crew. The tree clearing did not cause any earth disturbance.

SITE SCHEDULE

The two-week look ahead for the project entails the continuation of tree clearing and the installation of perimeter erosion controls.

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WEATHER

The weather station at Hanscom Airfield records and publishes real-time precipitation data (USGS 01100568). According to the weather station, one event greater than 0.25" occurred during the reporting period. On 5/5/2017, 1.0 inches of rain fell.

ORDER OF CONDITIONS

The following conditions were met during the reporting period:

Condition 17: Boundaries of BVW within the right-of-way were flagged.

Condition 18: The installation of sedimentation barriers has begun.

Condition 23: Norwegian Maple trees were identified within the right-of-way, but outside the proposed limit of work. All Norwegian Maple trees found within the right-of-way were marked for removal during initial tree clearing operations.

Condition 24: A preconstruction conference was held prior to clearing.

Condition 27-29: An environmental monitor team has been selected.

Condition 33: Numerous trees were marked to be retained at the site walk. The contractor was observed retaining as much structure and tree canopy as possible.

Condition 35: No staging of construction materials was taking place in the 100' buffer zone. Staging for wood chipping was being conducted off-site.

Condition 39: Limit of work has been staked by a survey crew and compost filter tubes were being installed.

The following conditions were not met during the reporting period:

Condition 10: The required MassDEP file number sign was not displayed. The contractor is planning on installing the sign after tree clearing is complete.

Condition 56: A copy of the OOC and plan was not located in a water tight box attached to the sign. The contractor is planning on installing the sign after tree clearing is complete.

PLANNED IMPACTED AREAS

No planned impacted areas have been disturbed since the last reporting period.

SWPPP REPORTS

SWPPP inspections are conducted after 0.25" of rain, but in no case, not farther than 1-week apart. An inspection was conducted on the Monday following the rain event that occurred on Saturday, 5/5/17. Copies of

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the reports are kept on-site with the Superintendent. Copies of the report will be transmitted, once they are obtained.

SITE PHOTOGRAPHS

Site photographs were taken but nothing remarkable was observed.

GENERAL SUMMARY

Work has started but no earth disturbance has occurred or is planned for the next two weeks.