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| **Department:** | **Public Works** |  |
| **Subject:** | **Jet Away Machine** |

**JET AWAY MACHINE**

**PURPOSE:**

The Jet Away Machine is an accessory to be used in conjunction with Unit #417 to flush or root cut pipelines which are not accessible by Unit #417. It is a hose reel with virtually identical controls to that of #417. This hose reel attaches to our bobcat and is fed water by #417.

**HAZARDS:**

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| * Moving parts | * High pressure water | * Mobile equipment contamination from biohazards flying debris. |

**PPE:**

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| * Eye protection | * Hearing protection | * Hands free radio |
| * Gloves | * Safety boots | * High -visibility vest or coveralls. |

**Pre-Setup**

* Setup safe work zone
* Use traffic control when required

**Setup:**

* Connect hose reel attachment to bobcat
* Connect main rodder hose to connection available on bobcat. Make sure connections are tight
* Slowly advance bobcat toward destination – this operation is done in conjunction with main operator at hose reel controls on Unit #417
* As bobcat advances, feed hose out accordingly
* Use at least one spotter with a two-way radio to ensure hose doesn’t get hung up while advancing reel.
* Once hose reel is set-up over manhole or pipe opening, follow safe work procedure for #417 flushing.

**Post Setup:**

* Once flushing is completed and water supply is turned off at #417, disconnect rodder hose at bobcat
* Using spotter, retract rodder hose back to Unit #417

**Summary:**

* Always maintain communication between Jet Away machine operator and operator of Unit #417
* Always have operator of #417 ready to shut down in case of emergency
* Operator of Jet Away Machine can bypass water flow to ground in an emergency via bypass valve at front reel

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