

JOB SAFETY ANALYSIS	Job Task: Sewer Line Cleaning	Date:	Analysis Performed By: Borough of Edinboro
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED ACTION	
1. Arrive at subject manhole. These are often located in the street. Set all required parking brakes and procedures to render Vactor truck stationary.	<ul style="list-style-type: none"> • Sudden stops by other traffic • Collisions are possible • Be alert, others may not see you 	<ul style="list-style-type: none"> • Alert traffic with use of 4 way flashers, rotational beacon light and directional arrow on rear of Vactor Truck • Let your stationary position and work zone be known to traffic 	
2. Exit truck and establish work zone perimeter.	<ul style="list-style-type: none"> • Lack of visibility is cause for most traffic accidents in this work zone 	<ul style="list-style-type: none"> • Put on all safety gear as needed for this job and place safety cones around work area • Use flag man to direct traffic 	
3. Use manhole hook to lift manhole cover	<ul style="list-style-type: none"> • Back injury possible 	<ul style="list-style-type: none"> • Wear back brace to minimize chance of injury 	
4. Place cleaning head in sewer line.	<ul style="list-style-type: none"> • Entry in the manhole maybe required • Exposure to biohazards is imminent • Untreated sewage is a biohazard 	<ul style="list-style-type: none"> • As with all biohazard exposure, caution should be taken and proper protection utilized 	
5. Assemble sections of vacuum tubes and clamp together. Place in manhole. Connect suction hose from Vactor boom.	<ul style="list-style-type: none"> • Awkward positions including stooping, bending and reaching 	<ul style="list-style-type: none"> • Use proper lifting methods and 2 people whenever possible to perform task 	
6. Engage blower. Activate rodder and proceed with cleaning.	<ul style="list-style-type: none"> • This is mechanical equipment operating under high pneumatic and hydraulic pressures of up to 2500 psi. • Breaks in line systems can cause serious injury or even death. 	<ul style="list-style-type: none"> • This procedure should be performed by at least a 2 person crew that is knowledgeable of Vactor operations. Operators should always be observant for breaks and leaks in the hose systems. Operations should be ceased immediately upon discovery of breaks or leaks. 	
7. Complete the cleaning operation and reverse sequence of steps.	<ul style="list-style-type: none"> • Same work area hazards exist during take down as with set up 	<ul style="list-style-type: none"> • Practice same safety procedures and steps while maintaining work zone perimeter termination as final step. 	
8. Before leaving site verify that manhole cover is replaced properly	<ul style="list-style-type: none"> • Not replacing the manhole cover can cause serious 	<ul style="list-style-type: none"> • Be sure all is safe and secure when leaving site. Safety also 	