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June 22, 2010

VIA E-MAIL AND US MAIL

Chief Thomas Wydra
Hamden Police Department
2900 Dixwell Avenue
Hamden, Connecticut 06517

Subject: Traffic Plan
Newhall Street Neighborhood Site, Hamden, Connecticut

Dear Chief Wydra:

Enclosed for your review and approval is the Traffic Plan developed by Severson Environmental Services, our remedial contractor, for the Newhall Street Neighborhood remediation project which will begin construction this summer. I would like to note that although we disagree with limiting the use of truck transportation routes #1 and #5 (Armory Street and Putnam Avenue) and wish to continue our dialogue regarding use of these routes, the Traffic Plan does indicate these routes will be used as a contingency.

As the start of the project is imminent, it is imperative that we have your written approval of both the truck transportation routes outlined in the May 25, 2010 letter and the Traffic Plan enclosed with this letter.

If you wish to discuss this matter, I can be reached at (423) 336-4308. We thank you in advance for your attention to this important matter.

Sincerely,
OLIN CORPORATION

A handwritten signature in blue ink that reads "Carrie Hunt".

Carrie Hunt
Associate, Environmental Remediation

Enclosure

**CC: Mayor Scott Jackson (Town of Hamden)
David Share (Olin)
Raymond Frigon (CTDEP)
Meg Harvey (CTDPH)
Alan Elia (Sevenson)
Lucas Hellerich (AECOM)
Jill Barrett (Fitzgerald & Haliday, Inc)
Chris Harriman (Haley & Aldrich, Inc)
Larry Bingaman (Regional Water Authority)
Michael Manolakas (Leggett, Brashears & Graham, Inc)
Nelson Walter (MACTEC)**

Traffic Plan

**Non-Public Properties
Newhall Street Neighborhood Site
Hamden, Connecticut**

- Revision 0 -

Prepared for:

**Olin Corporation
Cleveland, Tennessee**



Prepared by:

**Sevenson Environmental Services
Niagara Falls, New York**



June 2010



Introduction

This Traffic Plan (Plan) presents the general guidelines under which Severson Environmental Services, Inc. (Severson) will perform traffic control during the remediation project for the Non-Public Properties, in the Newhall Neighborhood Site, in Hamden, CT. The plan's main objectives are to ensure the safety of the vehicles/passengers and the local pedestrians during remediation activities, and to minimize potential congestion on public streets during the project (229 homes over a 3-4 year period).

The Plan's objective is the management and control of truck traffic to and from the site. This objective will be met by the use of: 1) approved truck transportation routes, 2) police officers for traffic control as deemed necessary, 3) proper Connecticut Department of Transportation (CTDOT) signs, 4) road closure sign "For Local Traffic Only", 5) closing of sidewalks while directing pedestrian traffic to use the opposite side of the streets, 6) proper construction fencing surrounding the excavations, 7) traffic barriers to protect the curb-side entrance, and 8) coordination of public bus stops, school bus stops, and local residential deliveries and pickups.

Transportation of Excavated Soil to the Tire Pond

Severson will coordinate the transportation of excavated waste fill materials to the Tire Pond in both Severson-owned trucks and local subcontractor-owned trucks. Permitted tandem/tri-axle trucks will be used to haul the excavated fill materials to the Tire Pond. These trucks will be staged either at the site in the adjacent lane of the street during loading procedures, or the trucks will be driven onto the property, in the front or backyards, depending on where the fill material is being excavated. Severson will begin excavating fill material by using a truck positioned where it minimizes interference to the public. Trucks will be loaded one at a time in the excavation area. Once a truck is loaded and ready for transportation to the Tire Pond, the truck will cautiously proceed on an approved route while the second truck moves into place to continue the excavation. The right lane in front of the property which is undergoing remediation will be





closed for the better part of the construction work day, until excavation and backfill is complete, and excavation at the next home requiring remediation is initiated.

Sevenson will frequently communicate with the truck drivers to provide the maximum efficiency during this procedure. Trucks will be covered with a tarp on site once they are loaded to prevent migration of excavated material during transport. Sevenson will not obstruct streets, sidewalks or other pathways for traffic during excavation or backfill, without coordination with the on-site police officer (if necessary).

Sevenson will utilize skid-steer type sweepers and a water truck to maintain all haul roads and access roadways in a clean condition so that no dirt or contamination is tracked onto clean areas or over public roads.

Truck Routes

The majority of the excavated fill material will be taken to the Tire Pond Landfill (2895 State Street, Hamden, CT) for placement. Sevenson will comply with the approved Truck Routes designated for this project by the Town of Hamden and identified in Appendix A. The approved truck routes identified as secondary routes, (Routes #1 and #5) will be utilized only on a contingency basis.

The Use of Police Officers

For the periods where a lane of traffic will be obstructed by loading activities, Sevenson will hire a local, off-duty police officer to assist in directing traffic. Given that Sevenson will be periodically closing and re-opening one lane of traffic on various streets during excavation and backfilling activities, Sevenson will work closely with the local Hamden Police Department (Officer John Sommers, 203-230-4038) regarding coordination of the hired police officer.





Sevenson's superintendent will meet daily (as applicable) with the local police officer before the start of work to ensure that the police officer is aware of the upcoming daily activities, and to discuss the physical positioning of the police officer and his car to have him in the most advantageous position for the daily activities. The police officer will be present at all times during the lane obstruction.

Proper CTDOT "signage" for the construction activities

Sevenson will work with local representatives of CTDOT to ensure the proper signage is in place prior to any daily construction activities. Sevenson will work with local authorities and supplement the standard signs when needed in order to provide better directions to the public.

Road Closure Signs "For Local Traffic Only"

Sevenson will use road closure signs stating "For Local Traffic Only" when appropriate to minimize traffic entering streets where remediation is ongoing. Sevenson will coordinate sign placement at each end of the street with the onsite police officer.

Closing Sidewalks to the Public

Whenever construction activities are taking place at a residential home, Sevenson will carefully review the daily activities planned and decide whether to close the adjacent sidewalk and divert all pedestrians to the opposite side of the street, or place a construction worker in the front yard to direct all pedestrians on a route of safe passage.

Proper Construction Fencing around all Excavation Areas:





Sevenson will place orange construction safety fencing around all excavation areas in order to protect the pedestrians from entering any active construction areas. In particular, the front yards will have orange construction safety fencing placed up to the street curb in areas where remediation extends up to the existing curbs.

Traffic Barriers

When remediation activities require excavation adjacent to the street curb, Sevenson will place plastic temporary barriers in the street parallel to the curb. The barriers will remain in place until all excavation and backfill activities are completed. This procedure will also be followed when a corner property is under remediation and the excavation continues around the corner on the same property.

Coordination of Public and School Bus Routes

Sevenson will contact local officials regarding Public Bus Routes and School Bus Routes to determine the best location for buses to pick up people affected by the remediation activities. Sevenson will use additional signage when necessary to help facilitate the bus pick up points.

Local Residential Deliveries and Pick Ups

Sevenson will, when necessary, help coordinate local deliveries and pickups to/from residences being impacted by remediation activities. Sevenson supervision will be present during all remediation activities. When Sevenson supervision sees local vendors (e.g., UPS/FedEx, mailman, trash pickup, oil deliveries, etc.) trying to make a delivery, Sevenson supervision will provide assistance as practical to the local vendors to complete the delivery. The intent is to minimize disruptions to the normal neighborhood activities.





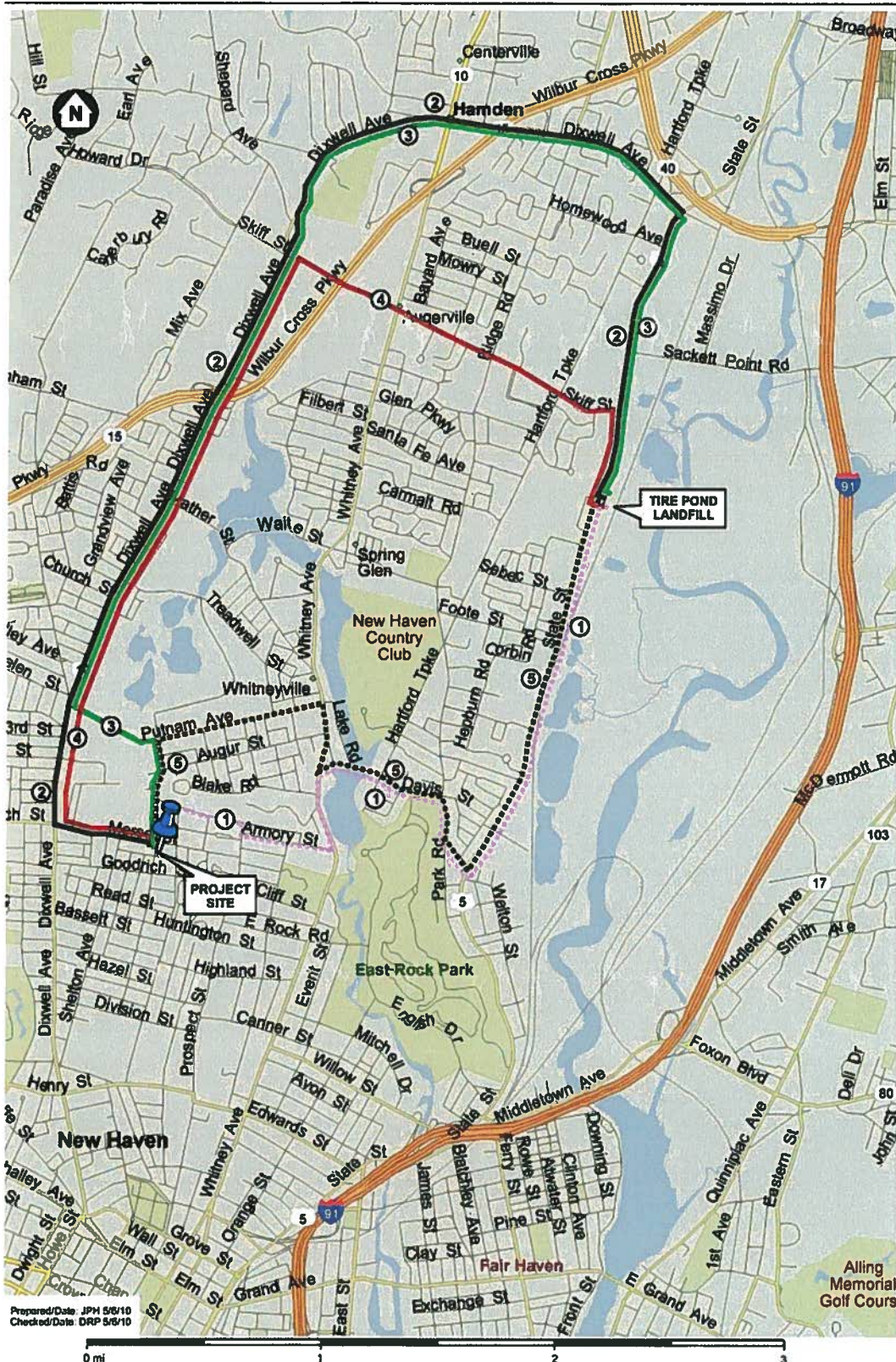
Project Material Deliveries

Sevenson will schedule material deliveries for the project in such a way to minimize vehicles from queuing on public streets. Vehicles will only be scheduled which can be unloaded at the staging area or site or individual properties in the minimal amount of time. In the unlikely event two or more unscheduled deliveries occur at one time, Sevenson will unload the vehicles as expeditiously as possible. Traffic will be monitored and controlled to minimize lane blockages, traffic congestion, and public inconvenience.





APPENDIX A - Proposed Truck Route to the Tire Pond Landfill





APPENDIX A - Proposed Truck Route to the Tire Pond Landfill

ROUTE # 1: Armory St to Whitney Ave, to Davis St, to Ridge Rd, to State St.

- Start out going NORTH on NEWHALL ST toward MARLBORO ST. 0.3 mi
- Turn RIGHT onto MILL ROCK RD. 0.4 mi
- Turn RIGHT onto PROSPECT ST. 0.0 mi
- Turn LEFT onto ARMORY ST. 0.4 mi
- Turn LEFT onto WHITNEY AVE. 0.4 mi
- Turn RIGHT onto DAVIS ST. 0.6 mi
- Turn RIGHT onto RIDGE RD. 0.2 mi
- Turn SLIGHT LEFT to stay on RIDGE RD. 0.2 mi
- Turn LEFT onto STATE ST/US-5. 1.8 mi
- 2895 STATE ST (Tire Pond Landfill) is on the RIGHT
- Total Travel Estimate: 10 minutes / 4.15 miles

ROUTE #2: Goodrich Ave to Dixwell Ave, to State Street

- Start out going SOUTH on NEWHALL ST toward GOODRICH ST. 0.1 mi
- Turn RIGHT onto GOODRICH ST. 0.4 mi
- Turn RIGHT onto DIXWELL AVE. 5.2 mi
- Turn RIGHT onto STATE ST/US-5. 1.3 mi
- 2895 STATE ST (Tire Pond Landfill) is on the LEFT
- Total Travel Estimate: 17 minutes / 7.00 miles

ROUTE #3: Newhall St to Putnam Ave, to Dixwell Ave, to State St (or Skiff St)

- Start out going NORTH on NEWHALL ST toward MARLBORO ST. 0.5 mi
- Turn LEFT onto PUTNAM AVE. 0.4 mi
- Turn RIGHT onto DIXWELL AVE/CT-10 N. Continue to follow DIXWELL AVE. 4.4 mi
- Turn RIGHT onto STATE ST/US-5. 1.3 mi
- 2895 STATE ST (Tire Pond Landfill) is on the LEFT.
- Total Travel Estimate: 16 minutes / 6.76 miles

ROUTE #4: Goodrich Ave to Dixwell Ave, to Skiff Street, to State Street

- Start out going NORTH on NEWHALL ST toward MARLBORO ST. 0.5 mi
- Turn LEFT onto PUTNAM AVE. 0.4 mi
- Turn RIGHT onto DIXWELL AVE/CT-10. 2.2 mi
- Turn RIGHT onto SKIFF ST. 1.6 mi
- Turn RIGHT onto STATE ST/US-5. 0.4 mi
- 2895 STATE ST is on the LEFT.
- Total Travel Estimate: 14 minutes / 5.19 miles

ROUTE #5: Newhall St to Putnam Ave, to Whitney Ave, to Davis St, to Ridge Rod, to State St.:

- Start out going NORTH on NEWHALL ST toward MARLBORO ST. 0.5 mi
- Turn RIGHT onto PUTNAM AVE. 0.8 mi
- Turn SLIGHT RIGHT onto LAKE RD. 0.3 mi
- Turn LEFT onto DAVIS ST. 0.4 mi
- Turn RIGHT onto RIDGE RD. 0.2 mi
- Turn SLIGHT LEFT to stay on RIDGE RD. 0.2 mi
- Turn LEFT onto STATE ST/US-5. 1.8 mi
- 2895 STATE ST (Tire Pond Landfill) is on the RIGHT
- Total Travel Estimate: 10 minutes / 4.16 miles

Source: www.mapquest.com

