



# **Pennichuck Brook Watershed Commercial/Industrial Sweeping/Catch Basin Cleaning Feasibility**

## **Final Report**

**December 17, 2013**

**Completed for:**

**Pennichuck Water Works**

**25 Manchester Street  
Merrimack, NH 03054**



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## **1.0 Introduction**

The Pennichuck Brook Watershed provides drinking water for residents of the greater Nashua, NH area. As an urbanized watershed, existing developed land uses contribute pollutants such as sediment and phosphorus to the water supply ponds, which have in turn contributed to declining water quality and increased algal blooms. Commercial and industrial land comprises about 13% of the watershed and their large impervious areas contribute about 40% of the phosphorus load to the water supply. Parking lot sanding practices also introduce high sediment loads.

Due to the large contribution of phosphorus from these land uses, the November 2012 Pennichuck Brook Watershed Restoration Plan recommended increased maintenance practices at commercial and industrial properties. Specifically, parking lot sweeping, catch basin cleaning and BMP maintenance were recommended to minimize pollutants from impervious surfaces from leaving these sites.

Street sweeping and catch basin cleaning, along with regular maintenance of stormwater practices, has been found to effectively remove phosphorus and sediment from watersheds if the best equipment is used, namely either vacuum sweepers and/or regenerative air sweepers for sweeping and vacuum trucks for cleaning of catch basins. Although the watershed communities sweep the roadways and streets, private parking lots and commercial driveways are likely not swept as frequently or thoroughly as they could be, at least not on a widespread basis. The November 2012 Watershed Restoration Plan predicted significant pollutant reductions with a regular parking lot sweeping and catch basin cleaning program at commercial and industrial parking lots.

In an effort to target commercial and industrial properties, Pennichuck Water Works Corporation initiated this study to investigate the feasibility of and cost associated with establishing an agreement with sweeping and catch basin cleaning vendors to offer discounted services to businesses within the watershed compared to Pennichuck Water Works purchasing equipment and providing cleaning services. This report summarizes the findings of the feasibility study.

## **2.0 Targeted Properties**

Commercial and industrial properties within the Pennichuck Brook Watershed in the towns of Nashua, Merrimack, Amherst, Hollis, and Milford were identified using GIS land use and parcel layers and local Assessor Databases. A total of 232 commercial/industrial properties with parking lots were identified. There were no commercial or industrial parking lots within the watershed and town boundaries of Milford.

## 2.1 Existing Parking Lot Information

Parking lot areas were calculated for each parcel using available information. Table 1 summarizes the total commercial and industrial parking lot areas in each watershed community. The number of catch basin structures per parking lot was estimated based on a representative sampling from field observations. Existing structural stormwater best management practices (BMPs) were identified using Pennichuck's existing BMP database. Refer to Appendix A for information on parking lot area calculations, catch basin structure calculations and BMPs on a parcel basis.

| <b>Table 1. Commercial and Industrial Parking Lot Areas (acres)</b> |                   |                   |               |
|---|-------------------|-------------------|---------------|
| <b>Town</b>   | <b>Commercial</b> | <b>Industrial</b> | <b>Totals</b> |
| Amherst   | 17                | 13                | 30            |
| Hollis  | 0                 | 1                 | 1             |
| Merrimack   | 31                | 38                | 69            |
| Nashua  | 121               | 80                | 201           |
| Milford   | -                 | -                 | -             |
| <b>Totals</b>   | <b>168</b>        | <b>133</b>        | <b>301</b>    |

## 2.2 Existing Maintenance Practices

The Assessor's database was also used to obtain available ownership information for each parcel and contact information was obtained from various sources. Where available, each property owner was contacted to obtain information on current sweeping and catch basin cleaning practices, what contractor's they currently used and whether they would be interested in participating in a watershed maintenance program. Refer to Appendix B for a summary of property ownership information, contact information and data collected through contact with each owner.

Of the properties that responded a majority currently do not pay an outside vendor to sweep their parking lots with a large sweeper. Some of the properties have their current landscaping company handle sand and other debris removal from parking lot surfaces in conjunction with other site maintenance. This practice is typically done with brush equipment and blowers, which are less effective at removing fine sand compared to vacuum and regenerative air sweepers. Other practices included sweeping the area by hand or doing nothing at all. The few properties that do currently use large truck sweepers have their parking lot swept annually, typically after the snowmelt.

Catch basin cleaning practices at commercial and industrial properties throughout the watershed is performed mostly on an as needed basis. This ranges from twice a year, annually, or once every other year depending on how quickly the area collects debris. Property owners that regularly maintain catch basins on their property contract the services out to nearby vendors.

### 3.0 Pollutant Loading Calculations and Reductions

Anticipated sediment and phosphorus load reductions were estimated to assess the potential water quality benefits from the implementation of a parking lot maintenance program. Phosphorus and Total Suspended Solids (TSS) loadings and removals associated with sweeping and catch basin cleaning were estimated for identified commercial and industrial parking lots using previous pollutant load SWMM modeling from the 2012 Pennichuck Water Works: Pennichuck Brook Watershed Restoration Plan. The phosphorus removal associated with sweeping twice a year with a regenerative air sweeper is 61 lbs/year (4%). The removal associated with catch basin cleaning is 86 lbs/yr (~6%). Considering an overall phosphorus reduction goal of 2,258 lbs/year, sweeping of commercial and industrial properties will provide about 3% of this goal and catch basin cleaning will provide about 4% of this goal.

A summary of the results of these calculations is provided in Table 2, with calculations provided in Appendix C.

| <b>Table 2. SWMM Removals from Commercial and Industrial Properties</b> |                             |                |                             |                |
|---|-----------------------------|----------------|-----------------------------|----------------|
| <b>Town</b>   | <b>Parking Lot Sweeping</b> |                | <b>Catch Basin Cleaning</b> |                |
|   | TP (lbs/yr)                 | TSS (lbs/yr)   | TP (lbs/yr)                 | TSS (lbs/yr)   |
| <b>Pollutant Loads</b>  | <b>1,524</b>                | <b>240,762</b> | <b>1,524</b>                | <b>240,762</b> |
| <b>Removal</b>  | <b>61</b>                   | <b>16,971</b>  | <b>86</b>                   | <b>29,069</b>  |
| <b>% Removal of Commercial and Industrial Load</b>                      | <b>4%</b>                   | <b>7%</b>      | <b>5.6%</b>                 | <b>12.1%</b>   |

Note: Pollutant loads and removals were obtained from the SWMM model performed under the 2008 and 2012 Watershed Restoration Plans. Phosphorus loads were calculated for commercial and industrial land uses and include pervious and impervious areas. Removals assumed only the phosphorus on impervious surfaces was available for sweeping, sweeping is performed twice a year, and used a 50% removal efficiency. Removals associated with catch basin cleaning assumed a 7.5%<sup>1</sup> removal efficiency for phosphorus and 15%<sup>2</sup> for TSS (based on deep sump catch basin removal efficiency and assuming regular maintenance is performed). These were adjusted to account for impervious area and relative connectivity in each community. Percent removal reflects the percent of the total load (from pervious and impervious surfaces) removed through sweeping and catch basin cleaning.

<sup>1</sup> State of Wisconsin Department of Transportation. (January 24, 1997) Facilities Development Manual.

<sup>2</sup> New Hampshire Department of Environmental Services. December 2008. New Hampshire Stormwater Manual. Volume 2: Post-Construction Best Management Practices Selection & Design.

## 4.0 Maintenance Alternatives

Costs associated with Pennichuck hiring an outside vendor or purchasing the necessary equipment to provide these services internally were evaluated to assess the most cost effective alternative of providing parking lot sweeping and catch basin cleaning services. Below provides an assessment of each alternative with a breakdown of the associated costs for each option.

### 4.1 Vendor Alternative

This alternative includes contracting with a sweeping and catch basin cleaning vendor to offer discounted services to businesses within the watershed that use the vendor's services. The goal is to obtain discounted "bulk" service rates that could benefit the property owners and water quality.

#### Parking Lot Sweeping

CEI contacted five sweeping vendors to obtain information on parking lot sweeping costs and potential interest in a watershed sweeping program that offers discounted rates to participating businesses. Vendors contacted included Amric Power Sweeping, Regal Sweeping, Shoem Roadway Services, FB Hale Hudson, and Labrie Associates.

The potential cost to sweep all commercial and industrial parking lots within the watershed will be dependent on several factors including how many properties are included in the sweeping program, the size of the parking lot, the type of equipment used and number of passes, the travel time to and from the site(s) and the amount of sediment generated. For comparative purposes, costs were estimated assuming all commercial and industrial programs participated in a program to represent a maximum cost for a watershed program. There are about 300 acres of commercial and industrial parking lots in the watershed, ranging from less than 1,000 square feet to 850,900 square feet in size, with an average size of 56,350 square feet. The average annual anticipated cost (averaged over a 10-year period) for a vendor to perform these services twice a year ranges between \$83,000 and \$103,000. These costs are inclusive of travel, sweeping and disposal and reflect typical vendor charges without a discount. Vendors are open to considering a bulk discounted rate, but would require additional information to determine the level of discount. For example, some vendors would like to see the participating sites before providing a discounted rate. Based on this, all vendor costs reflect non-discounted rates. Refer to Appendix D for a description of the assumptions used in these estimates.

#### Catch Basin Cleaning

CEI contacted three catch basin cleaning vendors to obtain information on catch basin cleaning costs and potential interest in a watershed maintenance program that offers discounted rates to participating businesses. Vendors contacted included Bellmore Catch Basin Maintenance, Eastern Pipe Services, and Shoem Roadway Services. There are an estimated 930 catch basins on commercial and industrial parking lots within the watershed. The average anticipated cost (averaged over a 10-year period) for a vendor to clean these catch basins a minimum of twice a year, inclusive of cleaning, travel and disposal is between \$83,000 and \$175,000. As with the sweeping vendors, catch basin cleaning vendors would consider providing discounted rates depending on specific information such as the number of catch basins included in a bulk

program. Thus, all vendor costs reflect non-discounted rates. Refer to Appendix D for a description of the assumptions used in these estimates.

#### **4.2 Pennichuck Maintenance Program**

This alternative involves Pennichuck purchasing a high efficiency or regenerative air sweeper and a vacuum truck to sweep parking lots and maintain drainage infrastructure on commercial and industrial properties in the watershed. Pennichuck could incorporate the costs into its annual operating budget for watershed protection and/or establish a maintenance fee that it would charge property owners to pay for these services.

Costs associated with providing a parking lot sweeping and catch basin cleaning program are summarized in Tables 3 and 4 and include: equipment, staff, sediment/trash disposal, liability and vehicle insurance, equipment maintenance costs, operator training, and gas and oil.

##### **Equipment:**

**Sweeper** – The base capital cost of a regenerative-air, vacuum, or newer technology sweeper can range from \$175,000-\$250,000, and increase with additional add-on features. Add-on options include: secondary engine fuel type and size (gasoline, diesel, CNG), sweeper box material (metal type, coatings), hopper dump style, and accessories (vacuum wand, interior cab features, etc.). Tymco manufactures a regenerative-air sweeper designed for parking lot sweeping for about \$190,000. The sweeper is designed for enhanced maneuverability needed in parking lot situations (e.g., tighter turning radius compared with roadway sweepers).

On average vacuum sweepers have a life time of around 8 years<sup>3</sup>, however, some municipalities, like the City of Nashua, use them for 10 years before replacing.

**Vacuum Truck** – The base capital cost of a catch basin vacuum truck can range from \$225,000-\$450,000 depending on the capacity of the truck to hold collected sediments. The cost could increase if various add-ons were selected such as additional vacuum options, low pressure washdown systems, and lighting and trailer options. Typical municipal units range from \$290,000 to \$320,000.

**Equipment Maintenance:** Regular equipment maintenance is necessary to keep parking lot sweepers and catch basin vacuum trucks performing properly for the entire life of the equipment. Regular maintenance includes setting of brooms and conveyors and regular electrical, electronic, vacuum, and hydraulic system upkeep.

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<sup>3</sup> United States Environmental Protection Agency (November 28, 2012). *National Pollutant Discharge Elimination System (NPDES): Parking Lot and Street Cleaning*. Retrieved July 29, 2013 from the World Wide Web:

[http://cfpub.epa.gov/npdes/stormwater/menuofbmps/index.cfm?action=factsheet\\_results&view=specific&bmp=99](http://cfpub.epa.gov/npdes/stormwater/menuofbmps/index.cfm?action=factsheet_results&view=specific&bmp=99)



| Table 3. Costs Associated with Pennichuck Operated Sweeping Program |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
|---|--------------|-----------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|--|
| Type  | Capital Cost | Annual O&M Cost | Year 1     | Year 2    | Year 3     | Year 4     | Year 5     | Year 6     | Year 7     | Year 8     | Year 9     | Year 10    | Total (10 Years) | Average Annual Costs Over 10-Year Period |
| <b>Equipment</b>  |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Regenerative-air or Vacuum/Newer Technology                         | \$190,000    |                 | \$190,000  | \$0       | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$ 190,000       | \$19,000                                 |
| Gas - sweeper (per year)  |              | \$5,000         | \$5,000    | \$5,150   | \$5,305    | \$5,464    | \$5,628    | \$5,796    | \$5,970    | \$6,149    | \$6,334    | \$6,524    | \$ 57,319        | \$5,732                                  |
| <b>Maintenance</b>  |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Disposal Cost (\$30/ton)  |              | \$300           | \$300      | \$309     | \$318      | \$328      | \$338      | \$348      | \$358      | \$369      | \$380      | \$391      | \$ 3,439         | \$344                                    |
| Repair/Preventative Maintenance Costs (including labor)             |              | \$5,000         | \$5,000    | \$5,150   | \$5,305    | \$5,464    | \$5,628    | \$5,796    | \$5,970    | \$6,149    | \$6,334    | \$6,524    | \$ 57,319        | \$5,732                                  |
| <b>Insurance<sup>1</sup></b>  |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Vehicle (Collision) Insurance                                       |              | \$1,250         | \$1,250    | \$1,288   | \$1,326    | \$1,366    | \$1,407    | \$1,449    | \$1,493    | \$1,537    | \$1,583    | \$1,631    | \$ 14,330        | \$1,433                                  |
| Liability Insurance   |              | \$0             | \$0        | \$0       | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$ -             | \$0                                      |
| <b>Operator Training</b>  |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Sweeper   | \$5,000      |                 | \$5,000    | \$0       | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$ 5,000         | \$500                                    |
| <b>Staff</b>  |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Sweeper Operator  |              | \$60,000        | \$60,000   | \$61,800  | \$63,654   | \$65,564   | \$67,531   | \$69,556   | \$71,643   | \$73,792   | \$76,006   | \$78,286   | \$ 687,833       | \$68,783                                 |
| Administrative Staff  |              | \$25,000        | \$25,000   | \$25,750  | \$26,523   | \$27,318   | \$28,138   | \$28,982   | \$29,851   | \$30,747   | \$31,669   | \$32,619   | \$ 286,597       | \$28,660                                 |
| <b>Total Cost<sup>2</sup></b>                                       |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
|   |              |                 | \$ 291,550 | \$ 99,447 | \$ 102,430 | \$ 105,503 | \$ 108,668 | \$ 111,928 | \$ 115,286 | \$ 118,744 | \$ 122,307 | \$ 125,976 | \$1,301,800      | \$ 130,180                               |

Notes: <sup>1</sup>Vehicle insurance costs were obtained from Pennichuck Water Works Corporation and represent the increase associated with the purchase and operation of a sweeper.

<sup>2</sup>Total Costs have been rounded.

Table 4. Costs Associated with Pennichuck Operated Catch Basin Cleaning Program

| Type  | Capital Cost | Annual O&M Cost | Year 1     | Year 2    | Year 3     | Year 4     | Year 5     | Year 6     | Year 7     | Year 8     | Year 9     | Year 10    | Total (10 Years) | Average Annual Costs Over 10-Year Period |
|---|--------------|-----------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|--|
| <b>Equipment</b>  |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Vac Truck   | \$320,000    |                 | \$320,000  | \$0       | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$320,000        | \$32,000                                 |
| Gas - vac truck (per year)                              |              | \$5,000         | \$5,000    | \$5,150   | \$5,305    | \$5,464    | \$5,628    | \$5,796    | \$5,970    | \$6,149    | \$6,334    | \$6,524    | \$57,300         | \$5,730                                  |
| <b>Maintenance</b>                                      |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Disposal Cost (\$30/ton)                                |              | \$400           | \$400      | \$412     | \$424      | \$437      | \$450      | \$464      | \$478      | \$492      | \$507      | \$522      | \$4,586          | \$459                                    |
| Repair/Preventative Maintenance Costs (including labor) |              | \$5,000         | \$5,000    | \$5,150   | \$5,305    | \$5,464    | \$5,628    | \$5,796    | \$5,970    | \$6,149    | \$6,334    | \$6,524    | \$57,319         | \$5,732                                  |
| <b>Insurance<sup>1</sup></b>                            |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Vehicle (Collision) Insurance                           |              | \$1,250         | \$1,250    | \$1,288   | \$1,326    | \$1,366    | \$1,407    | \$1,449    | \$1,493    | \$1,537    | \$1,583    | \$1,631    | \$14,330         | \$1,433                                  |
| Liability Insurance                                     |              | \$0             | \$0        | \$0       | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0              | \$0                                      |
| <b>Operator Training</b>                                |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Vac Truck   | \$5,000      |                 | \$5,000    | \$0       | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$0        | \$5,000          | \$500                                    |
| <b>Staff</b>  |              |                 |            |           |            |            |            |            |            |            |            |            |                  |  |
| Vac Truck Operator                                      |              | \$60,000        | \$60,000   | \$61,800  | \$63,654   | \$65,564   | \$67,531   | \$69,556   | \$71,643   | \$73,792   | \$76,006   | \$78,286   | \$687,833        | \$68,783                                 |
| Administrative Staff                                    |              | \$25,000        | \$25,000   | \$25,750  | \$26,523   | \$27,318   | \$28,138   | \$28,982   | \$29,851   | \$30,747   | \$31,669   | \$32,619   | \$286,597        | \$28,660                                 |
| <b>Total Cost<sup>2</sup></b>                           |              |                 | \$ 421,650 | \$ 99,550 | \$ 102,536 | \$ 105,612 | \$ 108,780 | \$ 112,044 | \$ 115,405 | \$ 118,867 | \$ 122,433 | \$ 126,106 | \$1,433,000      | \$ 143,300                               |

Notes: <sup>1</sup>Vehicle insurance costs were obtained from Pennichuck Water Works Corporation and represent the increase associated with the purchase and operation of a sweeper.

<sup>2</sup>Total Costs have been rounded.

**Disposal:** There will be a fee to dispose of sediments collected from sweeping and catch basin cleaning. The total cost will depend on the volume of debris collected. Potential disposal costs for all properties were estimated using the calculated TSS removal of 23 tons/year (assuming sweeping and cleaning twice a year). Pennichuck Water Works would have to designate a storage area that has the ability to handle the expected volume of material collected until it can be disposed of.

**Insurance Rates: (Vehicle/Collision and Liability Insurance):** Pennichuck Water Works will need to carry liability and vehicle insurance to protect itself from the risks of liabilities imposed by lawsuits and similar claims. According to Pennichuck Water Works, there would be no additional liability insurance associated with the operation of a vacuum truck and street sweeper. Vehicle insurance would increase by about \$2,500 annually, \$1,250 for the vacuum truck and \$1,250 for the street sweeper.

**Operator Training:** Equipment operator training may be required to operate the sweeper and vacuum truck. Training costs may include classes and licenses for operation. Field training for sweepers and catch basin cleaners costs \$2,500 for the first day of training. Any additional day is \$1500. A cost of \$5,000 is carried.

**Staff:** Pennichuck will require an operator(s) for the sweeper and vac truck, and may also require some additional administrative staff time to run the maintenance program, including tracking of customers and services and billing. Costs assume Pennichuck Water Works hires a full time operator and full time administrative person.

### 4.3 Alternative Comparison

A comparison of the costs associated with the two alternatives evaluated under this feasibility study are included in Table 5. These costs reflect the average annual cost of providing services over a 10-year period, and account for an annual increase in cost of 3%. Cost per pound of phosphorus and TSS removal are also provided.

| Table 5. Cost Comparison of Vendor Program vs. Pennichuck Program |                       |                     |                                   |                                 |
|---|-----------------------|---------------------|-----------------------------------|---------------------------------|
|   | Vendor Based Sweeping | Pennichuck Sweeping | Vendor Based Catch Basin Cleaning | Pennichuck Catch Basin Cleaning |
| Cost  | \$83,000 - \$103,000  | \$130,000           | \$83,000 - \$175,000              | \$143,000                       |
| \$/lb TP Removed  | \$1,400 - \$1,700     | \$2,100             | \$1,000 - \$2,000                 | \$1,700                         |
| \$/lb TSS Removed   | \$5 - \$6             | \$8                 | \$3 - \$6                         | \$5                             |

As shown in the table, under a twice a year sweeping program the vendor alternative for sweeping is more cost effective than Pennichuck purchasing the equipment and providing sweeping services. A Pennichuck operated sweeping program would become more cost effective

with increased sweeping frequency, however, it may be difficult to get commercial and industrial property owners to participate at a higher frequency if it also increases their annual costs.

The cost for Pennichuck to provide catch basin cleaning services falls within the range of anticipated costs if a vendor were used, however, these costs assume full participation of commercial and industrial property owners in either program, which is unlikely. Considering this, the vendor costs become more attractive with lower participation since costs are based on the number of participants, whereas most of the costs associated with a Pennichuck-run program are fixed regardless of the number of participants.

The cost per pound of phosphorus removed is generally higher than the approximate \$700/lb estimated in the 2012 Watershed Restoration Plan, due to a more refined analysis of actual parking lot areas within the watershed and itemization of anticipated costs.

Based on this analysis, it is more cost effective for Pennichuck to rely on vendors to perform maintenance programs, however, either option would require a significant amount of education and outreach to property owners to obtain participation.

## **5.0 Findings and Recommendations**

Currently, it is more cost-effective for Pennichuck to rely on outside vendors to perform maintenance services at commercial and industrial properties throughout the watershed than investing in the equipment and staff to provide these services in-house. The following supports these conclusions:

- Property owners are not likely to sweep or clean catch basins more than twice a year;
- The cost comparison (Table 5) showed a vendor could provide these services at a lower cost, assuming full participation, even at their non-discounted rates;
- Full participation is not realistic since there are no requirements for private property owners to perform maintenance activities. Vendor costs would reflect the actual number of participants (e.g., decrease accordingly), whereas a Pennichuck-run program would have fixed costs regardless of the number of participants.

In either case, a significant amount of public outreach would be required to inform commercial and industrial property owners of the value of performing maintenance services on their parking lots and drainage infrastructure. Without this step, there will likely not be enough participants to support a competitive vendor bid or a Pennichuck-run program.

Based on the property surveys performed as part of this study, most of the commercial and industrial property owners that perform parking lot maintenance claim to either do it themselves or use their landscaping company to perform parking lot sweeping activities, while catch basin cleaning is provided on an as needed basis. A landscaping company offers a “one stop shop” for property owners to maintain their properties. Based on this information, local landscaping companies may be a good target for future public education efforts. Pennichuck could develop and distribute outreach materials to inform landscaping companies of the water supply, its

watershed and the phosphorus reduction goals, along with guidance for reducing phosphorus from commercial and industrial properties, including proper disposal of sediment and debris picked up from parking lots and techniques for minimizing phosphorus loads associated with fertilizer application. Pennichuck could also begin or work with watershed communities on an education program for commercial and industrial property owners, highlighting the benefits of good maintenance practices, providing information on environmentally friendly landscaping companies and information on vendors that provide maintenance services.

If there is a bigger push for maintenance on private properties in the future, such as through education and/or regulation, then Pennichuck should reassess the feasibility of providing these services through either a vendor-based contract and/or in-house resources.

Appendix A  
Commercial and Industrial Property Database

# Appendix A Commercial and Industrial Property Database

Data for each commercial and industrial property was compiled as shown in Tables A-1 and A-2. Following is a description of how the information was obtained and/or generated.

*Existing commercial and industrial properties* – The number of commercial and industrial properties within the watershed in Nashua, Merrimack, Amherst, Hollis, and Milford were identified using GIS land use and parcel layers obtained from the Nashua Regional Planning Commission (NRPC, 2005). These layers were overlaid with the appropriate assessor database to spatially identify each property’s owner and address. Commercial and industrial properties were refined further after obtaining more specific property descriptions from the assessor databases. Any commercial and industrial property that was public property, vacant, incorrectly labeled, or lacked a parking lot was not included in the analysis. Therefore, total existing commercial and industrial land use by town was reduced from the existing November 2012 Watershed Restoration Plan to only reflect private properties with parking lots. Refer to Table A-3 below. After analyzing the land use and assessor database layers it was found Milford did not have any commercial or industrial properties in the watershed. For this reason, Milford was left out of any further commercial and industrial pollutant analysis.

| <b>Table A-3. Existing Commercial and Industrial Land Areas with Parking Lots<br/>(acres)</b> |            |            |             |
|---|------------|------------|-------------|
| Town  | Commercial | Industrial | Total       |
| Amherst   | 125        | 74         | 199         |
| Hollis  | 0          | 46         | 46          |
| Merrimack   | 209        | 441        | 650         |
| Nashua  | 322        | 380        | 702         |
| <b>Totals</b>   | <b>656</b> | <b>943</b> | <b>1598</b> |

Note: These land areas reflect existing developed commercial properties based on an overlay of GIS land use, parcels, and assessor database and excludes public, vacant, mislabeled and properties without a parking lot.

*Parking lot area* – Parking lot areas were estimated using available information for each of the watershed communities. Nashua had the most detailed assessor’s database, parcel, building, and impervious surface area (IA) information, increasing the accuracy of parking lot area estimations within the city. Parking lot areas were determined by subtracting the building’s footprint from the impervious area for each of the commercial and industrial parcels.

Amherst, Merrimack, and Hollis’s commercial and industrial parking lot areas were estimated based on total paved area provided by the assessor’s online database, where available. These values exclude building areas. Where that information was not available, parking lot acreage was calculated in GIS by measuring the parking size from an aerial image of the area. Following this assessment it was determined that Hollis only had one existing industrial property and no commercial properties within the watershed.

*Structure Count* – A representative sample of parking lots were visited to estimate the number of catch basin structures throughout the watershed. A total of 17 parking lots that varied in size from small (<1 acres), medium (1-5 acres), and large (>5 acres) were visited. Structure counts obtained in the field were used to estimate the number of structures per acre of parking area for each of the parking lot size categories. On average, small parking lots contained 6.4 structures per acre, medium parking lots contained 2.5 structures per acre and large parking lots contained 1.9 structures per acre. These values were applied to parking lots of similar size throughout the watershed and resulted in an estimate of 930 structures at commercial and industrial properties throughout the watershed.

*Number of BMPs* – Existing BMPs on commercial and industrial properties were identified utilizing a database of BMPs maintained by Pennichuck Water Works as part of their annual inspection of BMPs within the watershed. The database indicated owner name, location, and type of BMP. A total of 31 BMPs were identified and correlated with the commercial and industrial property database generated under this study.



Table A-1. Commercial and Industrial Property Ownership Information

| Parcel ID | Property Address           | Property City | Property State | Property Zip code | Owner/Grantee                        | Co-grantee                               | Owner Address             | Owner City  | Owner State | Owner Zip code | Owner/Property Phone Number | Contact (if different from Owner) |
|-----------|----------------------------|---------------|----------------|-------------------|--------------------------------------|--|---------------------------|-------------|-------------|----------------|-----------------------------|-----------------------------------|
| 002012003 | 134 HOLLIS RD (RTE 122)    | AMHERST       | NH             | 03031             | LIVING FAITH MINISTRIES              | C/O AMHERST CHRISTIAN CHURCH             | 134 HOLLIS RD             | AMHERST     | NH          | 03031          | 603-769-4524                |                                   |
| 002024000 | 31 OLD NASHUA RD UNIT 01   | AMHERST       | NH             | 03031             | NORTHWOOD SQUARE LLC                 | N/A                                      | PO BOX 118                | MILFORD     | NH          | 03055          |                             |                                   |
| 002028006 | 7 NORTHERN BLVD            | AMHERST       | NH             | 03031             | NEVER NEVER LAND REAL ESTATE LLC     | N/A                                      | 7 NORTHERN BLVD           | AMHERST     | NH          | 03031          |                             |                                   |
| 002028008 | 8 COLUMBIA DR              | AMHERST       | NH             | 03031             | COMSTOCK REALTY                      | LIMITED PARTNERSHIP                      | PO BOX 747                | NASHUA      | NH          | 03061          |                             |                                   |
| 002028009 | 10 COLUMBIA DR             | AMHERST       | NH             | 03031             | SAT SR.LTD PARTNERSHIP               | SAMINIST REALTY LLC ET AL                | 20 TRAFALGAR SQ SUITE 602 | NASHUA      | NH          | 03063-1985     |                             |                                   |
| 002028010 | 12 COLUMBIA DR             | AMHERST       | NH             | 03031             | NASHUA REDIMIX CONCRETE INC          | C/O REDIMIX CO INC                       | PO BOX 480                | WINNISQUAM  | NH          | 03289          | 1-800-998-4434              | Wayne Tarr                        |
| 002028012 | 15 COLUMBIA DR             | AMHERST       | NH             | 03031             | MONARCH PROPERTIES                   | N/A                                      | 15 COLUMBIA DR            | AMHERST     | NH          | 03031          | 603-769-3160                |                                   |
| 002028013 | 13 COLUMBIA DR             | AMHERST       | NH             | 03031             | MARELD COMPANY INC                   | N/A                                      | 400 AMHERST ST STE 202    | NASHUA      | NH          | 03063          | 603-886-7300                |                                   |
| 002028015 | 9 COLUMBIA DR              | AMHERST       | NH             | 03031             | 9 COLUMBIA DRIVE REALTY HOLDINGS LLC | N/A                                      | 9 COLUMBIA DR             | AMHERST     | NH          | 03031          |                             |                                   |
| 002028017 | 9 COLUMBIA DR (A)          | AMHERST       | NH             | 03031             | H & M METALS LLC                     | N/A                                      | 9A COLUMBIA DR            | AMHERST     | NH          | 03031          | 603-889-8320                | Peter Sataro                      |
| 002028024 | 29 NORTHERN BLVD           | AMHERST       | NH             | 03031             | FICHERA REALTY LLC                   | N/A                                      | 20 A NORTHWEST BLVD #213  | NASHUA      | NH          | 03063          |                             |                                   |
| 002028030 | 6 COLUMBIA DR UNIT 1       | AMHERST       | NH             | 03031             | LSII ASSOCIATES LLC                  | N/A                                      | 6 COLUMBIA DR UNIT #1     | AMHERST     | NH          | 03031          |                             |                                   |
| 002031002 | 5 MANHATTAN PK             | AMHERST       | NH             | 03031             | MIG REALTY HOLDINGS LLC              | N/A                                      | 14 WADSWORTH DR           | BROOKLINE   | NH          | 03033          | 603-883-6423                |                                   |
| 002031003 | 8 MANHATTAN PK             | AMHERST       | NH             | 03031             | THIBEAULT LARRY                      | N/A                                      | 8 MANHATTAN PK            | AMHERST     | NH          | 03031          | 603-882-6570                |                                   |
| 002031005 | 4 MANHATTAN PK             | AMHERST       | NH             | 03031             | POIRIER JAMES                        | N/A                                      | 4 MANHATTAN DR            | AMHERST     | NH          | 03031          | 603-882-9279                |                                   |
| 002033001 | 5 CALDWELL DR              | AMHERST       | NH             | 03031             | PIKE INDUSTRIES INC                  | N/A                                      | 3 EAST GATE PARD RD       | BELMONT     | NH          | 03220          | 603-880-8300                |                                   |
| 002033002 | 19 COLUMBIA DR             | AMHERST       | NH             | 03031             | 19 A COLUMBIA DR LLC                 | N/A                                      | PO BOX 5365               | MANCHESTER  | NH          | 03108          |                             |                                   |
| 002033004 | 13 CALDWELL DR             | AMHERST       | NH             | 03031             | SHENK TRUSTEE JUDITH K               | JUDITH K SHENK TRUST                     | 13 CALDWELL DR            | AMHERST     | NH          | 03031          | 603-889-8092                | Diana Shenk                       |
| 002033005 | 15 CALDWELL DR             | AMHERST       | NH             | 03031             | KENNEDY JAMES W                      | KENNEDY MARY F                           | 12 HAINES TER             | MERRIMACK   | NH          | 03054          | 603-886-3688                |                                   |
| 002033006 | 14 CALDWELL DR             | AMHERST       | NH             | 03031             | LAMBDA NH LLC                        | N/A                                      | 14 CALDWELL DR            | AMHERST     | NH          | 03031          | 603-889-4071                | Dave Nichols                      |
| 002033009 | 14 COLUMBIA DR             | AMHERST       | NH             | 03031             | LAW REALTY CO INC                    | N/A                                      | 27 AIRPORT RD             | NASHUA      | NH          | 03063-1713     | 603-883-5531                |                                   |
| 002033010 | 16 COLUMBIA DR             | AMHERST       | NH             | 03031             | LAW REALTY CO INC                    | N/A                                      | 27 AIRPORT RD             | NASHUA      | NH          | 03063-1713     | 603-883-5531                |                                   |
| 002033011 | 1 HOWE DR                  | AMHERST       | NH             | 03031             | CALDWELL DRIVE CORP                  | N/A                                      | 15 A CALDWELL DR          | AMHERST     | NH          | 03031          | 603-880-7223                |                                   |
| 002034003 | 5 HOWE DR                  | AMHERST       | NH             | 03031             | DIACOM CORPORATION                   | N/A                                      | 5 HOWE DR                 | AMHERST     | NH          | 03031          | 603-880-1900                | Mike Grywalski                    |
| 002034004 | 14 HOWE DR                 | AMHERST       | NH             | 03031             | JKN REALTY LLC                       | N/A                                      | 14 HOWE DR                | AMHERST     | NH          | 03031          | 603-882-2340                | John Nolan                        |
| 002034006 | 12 HOWE DR                 | AMHERST       | NH             | 03031             | RNB REALTY LLC                       | N/A                                      | 12 HOWE DR                | AMHERST     | NH          | 03031          | 603-889-8311                | Dick Belanger                     |
| 002035000 | 123 RTE 101A               | AMHERST       | NH             | 03031             | JASPER DAVID F                       | C/O KEYPOINT PARTNERS LLC                | ONE BURLINGTON WOODS DR   | BURLINGTON  | MA          | 01803          |                             |                                   |
| 002037000 | 120 RTE 101A               | AMHERST       | NH             | 03031             | CSO REALTY LLC                       | GULL GROUP SEASONAL SQUARE               | 120 STATE RTE 101A        | AMHERST     | NH          | 03031          |                             |                                   |
| 002042000 | 116 RTE 101A               | AMHERST       | NH             | 03031             | MARMON UTILITY LLC                   | N/A                                      | 53 OLD WILTON RD          | MILFORD     | NH          | 03055          | 603-673-2040                | Joe Shea                          |
| 002042001 | 112 RTE 101A               | AMHERST       | NH             | 03031             | DAY, WILLIAM                         | DAY, NANCY                               | PMB 111                   | MILFORD     | NH          | 03055-4943     | 603-889-1232                |                                   |
| 002042002 | 114 RTE 101A               | AMHERST       | NH             | 03031             | CRAWFORD JOSEPH                      | CRAWFORD DIANE                           | 43 LOVEJOY LANE           | MEREDITH    | NH          | 03253          | 603-882-2600                |                                   |
| 002043006 | 108 RTE 101A               | AMHERST       | NH             | 03031             | MAHONEY III TRUSTEE JOHN T           | WOODBINE GROUP REALTY TRUST              | 100 PEARL ST              | BRIDGEWATER | MA          | 02324-1629     | 508-697-6128                |                                   |
| 002043007 | 2 PAULS WAY                | AMHERST       | NH             | 03031             | YEUNG GIN-WEI                        | YEUNG JENNIE                             | 7 ROYAL OAK DR            | NASHUA      | NH          | 03060          |                             |                                   |
| 002044000 | 110 RTE 101A               | AMHERST       | NH             | 03031             | STEEPLECHASE ASSOC. LLC              | N/A                                      | 107 RIDEOUT RD            | HOLLIS      | NH          | 03049          | 603-883-2221                |                                   |
| 002045000 | 123 RTE 101A               | AMHERST       | NH             | 03031             | ALBANY ROAD - AMHERST CROSSING LLC   | C/O KEYPOINT PARTNERS LLC                | ONE BURLINGTON WOODS DR   | BURLINGTON  | MA          | 01803          |                             |                                   |
| 002046001 | 107 RTE 101A               | AMHERST       | NH             | 03031             | MONRO MUFFLER BRAKE INC              | N/A                                      | 200 HOLLEDER PARKWAY      | ROCHESTER   | NY          | 14615          | 603-881-9447                | Corporate Offices                 |
| 002046005 | 6 CALDWELL DR              | AMHERST       | NH             | 03031             | SAFEGUARD SELF STORAGE LLC           | N/A                                      | 6 CALDWELL DR             | AMHERST     | NH          | 03031          | 603-883-2188                |                                   |
| 002046008 | 111 RTE 101A               | AMHERST       | NH             | 03031             | RIVERS, PHILLIP M                    | HAJJAR, RICHARD F                        | 139 LUNENBURG ST          | FITCHBURG   | MA          | 01420          | 603-889-3100                |                                   |
| 002047001 | 102 RTE 101A               | AMHERST       | NH             | 03031             | DELOID INC                           | N/A                                      | 1 SPRING RD               | AMHERST     | NH          | 03031          | 603-883-2376                | Conrad                            |
| 002047002 | 104 RTE 101A               | AMHERST       | NH             | 03031             | CBHB LLC                             | N/A                                      | 151 WITCHES SPRING RD     | HOLLIS      | NH          | 03049          | 603-886-0866                |                                   |
| 002048000 | 105 RTE 101A (A)           | AMHERST       | NH             | 03031             | STEFAN TRUSTEE ANDREA ELLEN          | ANDREA ELLEN STEFAN LIV TRUST            | 5324 NORTHWEST 106 COURT  | DORAL       | FL          | 33178          |                             |                                   |
| 002050000 | 105 RTE 101A               | AMHERST       | NH             | 03031             | MARELD COMPANY INC                   | N/A                                      | 400 AMHERST ST STE 202    | NASHUA      | NH          | 03063-4223     |                             |                                   |
| 002051000 | 103 RTE 101A               | AMHERST       | NH             | 03031             | VASILOPOULOS TRUSTEE JOHN            | AEETOS REALTY TRUST                      | 12 SOUTH ST               | MILFORD     | NH          | 03055          |                             |                                   |
| 002052000 | 101 RTE 101A               | AMHERST       | NH             | 03031             | CHAN TOM                             | CHAN ROSA                                | 6 LOWTHER PL              | NASHUA      | NH          | 03062          |                             |                                   |
| 002057000 | 95 RTE 101A                | AMHERST       | NH             | 03031             | PRUNIER TRUSTEE GERALD               | SAMUEL A TAMPOSI 1992 TRUST 1992         | 20 TRAFALGAR SQ           | NASHUA      | NH          | 03063          |                             |                                   |
| 002061000 | 90 RTE 101A                | AMHERST       | NH             | 03031             | WARD TRUSTEE JAMES E                 | WARD TRUSTEE KYLA A                      | 90 RTE 101A               | AMHERST     | NH          | 03031          | 603-672-3647                |                                   |
| 002063000 | 88 RTE 101A                | AMHERST       | NH             | 03031             | MARR EDWARD                          | ROBERT BOLES STEVEN MARR                 | 135 SKYLINE DR            | MANCHESTER  | NH          | 03109          | 866-296-2504                |                                   |
| 002064000 | 86 RTE 101A                | AMHERST       | NH             | 03031             | SWENSON GRANITE COMPANY LLC          | N/A                                      | 369 N STATE ST            | CONCORD     | NH          | 03301-3233     | 603-769-4538                |                                   |
| 002065000 | 84 RTE 101A                | AMHERST       | NH             | 03031             | LISA SOLE TRUSTEE CARLOS B           | CARLOS ANDRADE & MARIA ANDRADE FAMILY TR | 146 EDDY RD               | MANCHESTER  | NH          | 03102          | 603-249-3306                |                                   |
| 002066002 | 75 RTE 101A (& 73)         | AMHERST       | NH             | 03031             | ENI 75 ROUTE 101A LLC                | N/A                                      | 1700 SHAWSHOEN ST         | TEWKSBURY   | MA          | 01876          | 603-768-3384                |                                   |
| 002066004 | 3 NORTHERN BLVD            | AMHERST       | NH             | 03031             | HIRSCH LAWRENCE                      | C/O HIRSCH & CO                          | 32 DW HIGHWAY/SUITE #1    | MERRIMACK   | NH          | 03054          | 603-672-3837                |                                   |
| 002068000 | 80 RTE 101A                | AMHERST       | NH             | 03031             | SOUTH SHORE GUNITE REALTY            | MANAGEMENT                               | 7 PROGRESS AVE            | CHELMSFORD  | MA          | 01824          | 978-667-7783                |                                   |
| 002069000 | 78 RTE 101A                | AMHERST       | NH             | 03031             | GABRIDEN REALTY LLC                  | N/A                                      | 78 RTE 101A               | AMHERST     | NH          | 03031          | 603-860-8712                |                                   |
| 002070000 | 76 RTE 101A                | AMHERST       | NH             | 03031             | MONTICELLO MAINTENANCE LLC           | N/A                                      | 6 NESENKEAG DR            | LITCHFIELD  | NH          | 03052          | 603-424-1783                |                                   |
| 002076000 | 74 RTE 101A                | AMHERST       | NH             | 03031             | REYNOLDS TRUSTEE FRANK A             | REYNOLDS VICTORIA K                      | 53 SPRING RD              | AMHERST     | NH          | 03031          | 603-673-4114                |                                   |
| 002077002 | 69 RTE 101A                | AMHERST       | NH             | 03031             | FIRST COLEBROOK BANK                 | N/A                                      | 132 MAIN STREET           | COLEBROOK   | NH          | 03576          | 603-673-1440                |                                   |
| 002080001 | 68 RTE 101A                | AMHERST       | NH             | 03031             | CARUSO JOHN                          | CARUSO JACQUELINE                        | 80 THORNTONS FERRY RD     | AMHERST     | NH          | 03031          | 603-672-8555                |                                   |
| 002081000 | 67 RTE 101A                | AMHERST       | NH             | 03031             | HOPWOOD THOMAS                       | N/A                                      | 95 UPPER MILE POINT DR    | MEREDITH    | NH          | 03253          | 603-672-1199                |                                   |
| 002082000 | 65 RTE 101A                | AMHERST       | NH             | 03031             | ROBICHAUD ROBERT                     | ROBICHAUD PAUL                           | PO BOX 45173              | SOMERVILLE  | MA          | 02145-0022     | 603-673-2724                |                                   |
| 002083000 | 66 RTE 101A                | AMHERST       | NH             | 03031             | TOWNE LYNE TRUST THE                 | N/A                                      | 2 THORNTON CIR            | MIDDLETON   | MA          | 01949          | 603-672-7505                |                                   |
| 002084000 | 63 RTE 101A                | AMHERST       | NH             | 03031             | TONGSUJARITWONG VORAYUTH & AMORNAT   | N/A                                      | 247 RTE 13                | BROOKLINE   | NH          | 03033          |                             |                                   |
| 002086000 | 62 RTE 101A                | AMHERST       | NH             | 03031             | NELSON REALTY TRUST                  | DANIEL B PRAWZIK TRUSTEE                 | 62 ROUTE 101A             | AMHERST     | NH          | 03031          | 603-672-0894                |                                   |
| 002503000 | CALDWELL DR-COLONIAL SH MC | AMHERST       | NH             | 03031             | LOZIER FREDERICK                     | LOZIER GLORIA                            | 14 JOSIAH BARTLETT RD     | AMHERST     | NH          | 03031          |                             |                                   |
| 012005000 | 3 CRAFTSMAN LN             | AMHERST       | NH             | 03031             | ST PAUL LUTHERAN CHURCH              | N/A                                      | 3 CRAFTSMAN LN            | AMHERST     | NH          | 03031          |                             |                                   |

Table A-1. Commercial and Industrial Property Ownership Information

| Parcel ID        | Property Address       | Property City | Property State | Property Zip code | Owner/Grantee  | Co-grantee                 | Owner Address                  | Owner City  | Owner State | Owner Zip code | Owner/Property Phone Number | Contact (if different from Owner)                               |
|------------------|------------------------|---------------|----------------|-------------------|--|----------------------------|--------------------------------|-------------|-------------|----------------|-----------------------------|---|
| 012006000        | 1 CRAFTSMAN LN         | AMHERST       | NH             | 03031             | AGAPE ASSOC. LIMITED PARTNERSHIP                               | N/A                        | 4 BUCKRIDGE DR                 | AMHERST     | NH          | 03031          | 603-577-8955                |   |
| 012010000        | 141 RTE 101A           | AMHERST       | NH             | 03031             | KALLA PROPERTY ACQUISITION CORP                                | C/O FOX FIRE MGMT          | PO BOX 1438                    | CONCORD     | NH          | 03302-1438     | (603)864-8374               |   |
| 012012000        | 135 RTE 101A           | AMHERST       | NH             | 03031             | CHERB LLC  | N/A                        | PO BOX 227                     | MILFORD     | NH          | 03055          |                             |   |
| 012017000        | 130 RTE 101A           | AMHERST       | NH             | 03031             | LADÉAU RICHARD J   | LADÉAU GEORGE J            | 13 RAILROAD ST                 | WINCHENDON  | MA          | 01475-1603     | (603)880-6393               | Keith   |
| 012018000        | 132 RTE 101A           | AMHERST       | NH             | 03031             | GRANITE STATE CREDIT UNION                                     | N/A                        | 1415 ELM ST                    | MANCHESTER  | NH          | 03104          | 603-668-2221                | Dave at Facilities  |
| 012037000        | 134 RTE 101A           | AMHERST       | NH             | 03031             | EWIESS, MOHAMED ALI  | N/A                        | PO BOX 2                       | AMHERST     | NH          | 03031          |                             |   |
| 012038000        | 136 RTE 101A           | AMHERST       | NH             | 03031             | MORRISON TRUSTEE BRUCE R                                       | BRUCE R MORRISON REV TRUST | 37 HOLLY HILL DR               | AMHERST     | NH          | 03031          | 603-578-5820; 603-880-6671  |   |
| 012039000        | 138 RTE 101A           | AMHERST       | NH             | 03031             | TRIANGLE CREDIT UNION  | N/A                        | PO BOX 309                     | NASHUA      | NH          | 03061-0309     | 603-577-9137                | Call Maintenance Dept. extension                                |
| 012040000        | 2 CRAFTSMAN LN         | AMHERST       | NH             | 03031             | KAPLAN TRUSTEE APRIL   | APRIL KAPLAN REV TRUST     | 93 NARTOFF RD                  | HOLLIS      | NH          | 03049          | 603-886-0886                |   |
| 012041000        | 4 CRAFTSMAN LN         | AMHERST       | NH             | 03031             | MERRIMACK VALLEY BAPTIST CHURCH                                | C/O PATRICK MITCHELL       | POP BOX 606                    | NASHUA      | NH          | 03061          | 603-886-7982                |   |
| 2A000090000      | 517 SEAVERNS BRIDGE RD | MERRIMACK     | NH             | 03054             | MERRIMACK VALLEY BAPTIST CHURCH OF NASHUA INC                  |                            | PO BOX 606                     | NASHUA      | NH          | 03061          | 603-595-0955                | Patrick Machol (unsure spelling of last name)                   |
| 2A000560000      | 522 BOSTON POST RD     | MERRIMACK     | NH             | 03054             | MERRIMACK VALLEY BAPTIST CHURCH                                |                            | PO BOX 606                     | NASHUA      | NH          | 03061          |                             |   |
| 2B000040000      | 708 MILFORD RD         | MERRIMACK     | NH             | 03054             | ROMAN CATHOLIC BISHOP OF MANCH ST JOHN NEUMANN                 |                            | 708 MILFORD RD 101-A           | MERRIMACK   | NH          | 03054          | 603-880-4689                | Gayle   |
| 2B000040001      | 101A MILFORD RD        | MERRIMACK     | NH             | 03054             | NEW ENGLAND INDUSTRIAL PROP                                    |                            | 12 LEXINGTON ST                | LEWISTON    | ME          | 04240          |                             |   |
| 2B000060001      | A MILFORD RD           | MERRIMACK     | NH             | 03054             | MERRIMACK INDUSTRIAL METALS IN                                 |                            | 734 A MILFORD RD               | MERRIMACK   | NH          | 03054          |                             |   |
| 3C000390000      | 81 CAMP SARGENT RD     | MERRIMACK     | NH             | 03054             | MERRIMACK VILLAGE DISTRICT                                     |                            | 2 GREENS POND RD               | MERRIMACK   | NH          | 03054          |                             |   |
| 3C001910004      | COMMERCE DR            | MERRIMACK     | NH             | 03054             | Might be a part of the outlets                                 |                            |                                |             |             | 00000          |                             |   |
| 2B003600000      | 709 MILFORD RD         | MERRIMACK     | NH             | 03054             | PENNICHUCK SQUARE LTD PNSP, C/O RENWOOD COMPANIES              |                            | 1 NEWBURY STREET 2ND FLR       | PEABODY     | MA          | 01960          |                             |   |
| 3C001910000      | 1 SPARTAN WY           | MERRIMACK     | NH             | 03054             | FMR MERRIMACK REALTY TRUST FID ATTN: FCRE ACCOUNTING MANAGER   |                            | 82 DEVONSHIRE ST F4C           | BOSTON      | MA          | 02109          | 603-913-2630                | Maintenance Dept. 603-791-5000                                  |
| 2D000060000      | 130 DW HIGHWAY         | MERRIMACK     | NH             | 03054             | BAE SYSTEMS INFORMATION I & E C/O BAE SYST INFO ELECTRONIC W   |                            | PO BOX 511                     | NASHUA      | NH          | 03061-0511     | 603-882-2061                |   |
| 2C001130000      | 2 CONTRA WY            | MERRIMACK     | NH             | 03054             | FMR NH REALTY LIMITED PARTNERS ATTN: FCRE ACCOUNTING MANAGER   |                            | 82 DEVONSHIRE ST F4C           | BOSTON      | MA          | 02109          | 800-343-3548                |   |
| 2D000040003      | 21 MANCHESTER ST       | MERRIMACK     | NH             | 03054             | DIRECT INVEST HERON COVE LLC C/O CBRE-NE                       |                            | 890 WINTER ST SUITE 175        | WALTHAM     | MA          | 02451          | 603-204-5447                |   |
| 2B003580000      | 228 NATICOOK RD        | MERRIMACK     | NH             | 03054             | DEP ENTERPRISES, LLC C/O POTENZA EDWARD                        |                            | 228 NATICOOK RD                | MERRIMACK   | NH          | 03054          | 603-880-7499                | John  |
| 2A000050000      | 25 CRAFTSMAN LN        | MERRIMACK     | NH             | 03054             | DARSAN ENTERPRISES LLC   |                            | 25 CRAFTSMAN LN                | MERRIMACK   | NH          | 03054          | 603-598-2697                |   |
| 3C000400000      | 40 CONTINENTAL BV      | MERRIMACK     | NH             | 03054             | ATRIUM MEDICAL CORPORATION                                     |                            | 5 WENTWORTH DR                 | HUDSON      | NH          | 03051          | 603-880-1433                | Dan Joyal (unsure of spelling)                                  |
| 2D000350000      | 7 WEBB DR              | MERRIMACK     | NH             | 03054             | ADHIREX INC  |                            | 7 WEBB DR                      | MERRIMACK   | NH          | 03054          |                             |   |
| 2D000370000      | 70 DW HIGHWAY          | MERRIMACK     | NH             | 03054             | MARANDOS FAMILY REV TRUST KOUCHALAKOS SAMUEL W/ELIZABETH       |                            | 102 PEELE RD                   | NASHUA      | NH          | 03062          | 603-943-7051                |   |
| 2B000010000      | 704 MILFORD RD         | MERRIMACK     | NH             | 03054             | D J ASSOCIATES, LLC  |                            | 601 SMITHFIELD RD              | CONTOOCOOK  | NH          | 03229          |                             |   |
| 2B000040002      | 706 MILFORD RD         | MERRIMACK     | NH             | 03054             | HECHT MERRIMACK LLC  |                            | 122 MAIN ST #2                 | GLOUCESTER  | MA          | 01930-5731     | 603-864-8324                | Corporate Office in Florida handles the parking lot maintenance |
| 2B000030000      | 710 MILFORD RD         | MERRIMACK     | NH             | 03054             | STEELE, T G C/O EK MANAGEMENT MCDONALD'S RESTAURANT L/C 280060 |                            | 2 COTE PLACE STE 5             | BEDFORD     | NH          | 03110          | 603-625-1517                |   |
| 2B000310000      | 717 MILFORD RD         | MERRIMACK     | NH             | 03054             | NATICOOK AUTOMOTIVE LLC  |                            | 1662 ELM ST STE 100            | MANCHESTER  | NH          | 03101-1243     | 603-578-9400                | Steve   |
| 2B000300000      | 721 MILFORD RD         | MERRIMACK     | NH             | 03054             | HOME DEPOT USA INC PROPERTY TA                                 |                            | PO BOX 105842                  | ATLANTA     | GA          | 30348-5842     | 603-882-5522                | Bob   |
| 2B000060000      | 730 MILFORD RD         | MERRIMACK     | NH             | 03054             | G & H POST, LLC C/O PC CONNECTIONS                             |                            | 730 MILFORD RD                 | MERRIMACK   | NH          | 03054-4631     | 603-355-6005                | Transferred to facilities                                       |
| 2B000080000      | 736 MILFORD RD         | MERRIMACK     | NH             | 03054             | 736 MILFORD ROAD, LLC  |                            | 736 MILFORD RD, RT 101A        | MERRIMACK   | NH          | 03054          | 603-883-7111                |   |
| 3C000400001      | 80 CONTINENTAL BV      | MERRIMACK     | NH             | 03054             | JPM REAL ESTATE LLC  |                            | 32 PRESCOTT DR                 | NASHUA      | NH          | 03064          | 603-424-8544                |   |
| 2D000340000      | 9 WEBB DR              | MERRIMACK     | NH             | 03054             | WEBB DRIVE ASSOCIATES  |                            | PO BOX 956                     | MERRIMACK   | NH          | 03054          | 603-889-5825                | Webb Drive Associates   |
| 2D000040000      | 6 MANCHESTER ST        | MERRIMACK     | NH             | 03054             | THOMAS MORE FOUNDATION   |                            | 6 MANCHESTER ST.               | MERRIMACK   | NH          | 03054          | 603-880-8308                |   |
| 047-044-000      | 295 SOUTH MERRIMACK RD | HOLLIS        | NH             | 03049             | SIERGIEWICZ DORIS R REVOC TRUST SIERGIEWICZ DORIS R TTEE       |                            | 55 KENT LN                     | NASHUA      | NH          | 03062          | 603-249-5615                |   |
| 0000H-00142      | 1 CELLU DR             | NASHUA        | NH             | 03063             | LIBERTY CELLU DRIVE, LLC / C/O LIBERTY COMPANIES               |                            | ONE LIBERTY SQUARE             | BOSTON      | MA          | 02109          | 617-542-6818                |   |
| 0000G-00099      | 1 COTTON RD            | NASHUA        | NH             | 03063             | 1987 TAMPOSI LIMITED / PARTNERSHIP                             |                            | 20 TAFALGAR SQ SUITE 602       | NASHUA      | NH          | 03063-3427     | 603-883-2000                |   |
| 0000H-00158      | 10 CAPITOL ST          | NASHUA        | NH             | 03063             | ROUND POND REAL ESTATE LLC                                     |                            | 278 COURT STREET               | PORTSMOUTH  | NH          | 03801          | 603-889-1665                |   |
| 0000G-00001      | 10 COTTON RD           | NASHUA        | NH             | 03063             | HALL, PHILIP L TRUSTEE / PHILIP L HALL REVOCABLE TRUST         |                            | 8 EDSON ST                     | NASHUA      | NH          | 03064-1921     | 603-882-2021                |   |
| 0000H-00171      | 10 STATE ST            | NASHUA        | NH             | 03063             | 1987 TAMPOSI LIMITED PRTRNSHP                                  |                            | 20 TRAFALGAR SQ STE 602        | NASHUA      | NH          | 03063-3427     | 603-883-2000                |   |
| 0000H-00634      | 100 NORTHWEST BLVD     | NASHUA        | NH             | 03063             | TWO C PACK SYSTEMS CORP  |                            | 100 NORTHWEST BLVD             | NASHUA      | NH          | 03063          | 603-595-0700                |   |
| 0000I-00038      | 11 NORTHWEST BLVD      | NASHUA        | NH             | 03063             | AMERCO REAL ESTATE CO  |                            | PO BOX 29046                   | PHOENIX     | AZ          | 85038-9046     | 603-882-6312                |   |
| 0000G-00483      | 11 TRAFALGAR SQ        | NASHUA        | NH             | 03063             | SMITH, H J & R S CIUMMEI TRSTS                                 |                            | %ROBIE PROP LLC 175 ANDOVER ST | DANVERS     | MA          | 01923-4100     |                             |   |
| 0000I-00036      | 14 CELINA AVE          | NASHUA        | NH             | 03063             | NASH FAMILY INVESTMENT PROPERTIES                              |                            | 40 TEMPLE ST                   | NASHUA      | NH          | 03060-3427     | 603-880-3703                |   |
| 0000G-00019      | 15 NORTH SOUTHWOOD DR  | NASHUA        | NH             | 03063             | M'ND PROPERTIES LLC  |                            | 15 N SOUTHWOOD DR              | NASHUA      | NH          | 03063-1974     | 603-595-5257                |   |
| 0000I-00035      | 15 NORTHWEST BLVD      | NASHUA        | NH             | 03063             | NORTHWEST MINI WAREHOUSE GROUP                                 |                            | 15 NORTHWEST BLVD              | NASHUA      | NH          | 03063-4068     | 603-889-7002                | Tom   |
| 0000G-00654-2-15 | 15 TRAFALGAR SQ        | NASHUA        | NH             | 03063             | NH B II LLC  |                            | PO BOX 4900 DEPT 207           | SCOTTSDALE  | AZ          | 85261-4900     |                             |   |
| 0000I-00043      | 16 CELINA AVE          | NASHUA        | NH             | 03063             | FIVE N ASSOCIATES  |                            | 40 TEMPLE ST                   | NASHUA      | NH          | 03060-5313     | 603-889-3300                |   |
| 0000G-00590      | 1600 SOUTHWOOD DR      | NASHUA        | NH             | 03063             | PUBLIC STORAGE INC   |                            | PO BOX 25025                   | GLENDAL     | CA          | 91221-3313     | 603-821-4936                |   |
| 0000G-00557      | 1617 SOUTHWOOD DR      | NASHUA        | NH             | 03063             | CMLT 2008-LS1 BG OPNH SPE LLC / % LNR PARTNERS LLC             |                            | 1601 WASHINGTON AVE STE 700    | MIAMI BEACH | FL          | 33139          |                             |   |
| 0000I-00034      | 18 CELINA AVE          | NASHUA        | NH             | 03063             | 1987 TAMPOSI LIMITED PTNRSH                                    |                            | 20 TRAFALGAR SQ U-602          | NASHUA      | NH          | 03063-3427     | 603-883-2000                |   |
| 0000G-00492      | 2 SOMERSET PKWY        | NASHUA        | NH             | 03063             | SAM HOSPITALITY CORP   |                            | 2 SOMERSET PKWY                | NASHUA      | NH          | 03063-1969     | 603-886-1200                | Jean Browder  |
| 0000H-00294-7    | 2 TOWNSEND WEST U-7    | NASHUA        | NH             | 03063             | JACQUES, ANITA R REV TRUST / JACQUES, ANITA R TRUSTEE          |                            | 211 NATICOOK RD                | MERRIMACK   | NH          | 03054-4603     |                             |   |
| 0000G-00063      | 20 COTTON RD           | NASHUA        | NH             | 03063             | TWENTY COTTON ROAD, LLC  |                            | 20 COTTON RD #200              | NASHUA      | NH          | 03063-0000     | 603-889-0318                | Eric Jackson  |
| 0000G-00555      | 2000 SOUTHWOOD DR      | NASHUA        | NH             | 03063             | BRE/ESA PROPERTIES LLC / EXTENDED STAY-PROP TAX                |                            | POB 49550 P/T 1087             | CHARLOTTE   | NC          | 28277          | 603-577-9900                |   |
| 0000H-00484      | 22 COTTON RD           | NASHUA        | NH             | 03063             | NH B I LLC   |                            | PO BOX 4900 DEPT 207           | SCOTTSDALE  | AZ          | 85261          |                             |   |

Table A-1. Commercial and Industrial Property Ownership Information

| Parcel ID       | Property Address     | Property City | Property State | Property Zip code | Owner/Grantee   | Co-grantee | Owner Address                  | Owner City       | Owner State | Owner Zip code | Owner/Property Phone Number | Contact (if different from Owner)   |
|-----------------|----------------------|---------------|----------------|-------------------|---|------------|--------------------------------|------------------|-------------|----------------|-----------------------------|---|
| 0000G-00556     | 2200 SOUTHWOOD DR    | NASHUA        | NH             | 03063             | MARRIOTT BUSINESS SERVICES PROPERTY TAX DEPARTMENT            |            | PO BOX 579                     | LOUISVILLE       | TN          | 37777          | 603-880-9100                | Bob from Engineering  |
| 0000I-00033     | 22-44 NORTHWEST BLVD | NASHUA        | NH             | 03063             | DEMOULAS SUPER MARKETS INC                                    |            | 875 EAST ST                    | TEWKSBURY        | MA          | 01876-1469     | 603-882-9173                | Normand Martin  |
| 0000H-00145     | 23 DUMAINE AVE       | NASHUA        | NH             | 03063             | FAT BOYS REALTY, LLC  |            | 928 W CHESTNUT ST              | BROCKTON         | MA          | 02301          | 603-881-4444                |   |
| 0052-00118      | 233 MANCHESTER ST    | NASHUA        | NH             | 03063             | PENNICHUCK WATER WORKS &                                      |            | 25 MANCHESTER ST PO BOX 1947   | MERRIMACK        | NH          | 03054-3313     | 603-882-5191                |   |
| 0000G-00004     | 27 AIRPORT RD        | NASHUA        | NH             | 03063             | LAW REALTY CO INC   |            | 27 AIRPORT RD                  | NASHUA           | NH          | 03063-1713     | 603-883-5531                |   |
| 0000H-00117     | 27 DUMAINE AVE       | NASHUA        | NH             | 03063             | GAGNON, CARL & / GAGNON, MARIA                                |            | 91 MASON ROAD                  | BROOKLINE        | NH          | 03033          |                             |   |
| 0000I-00042     | 29 NORTHWEST BLVD    | NASHUA        | NH             | 03063             | SOUTHERN NEW HAMPSHIRE MEDICAL                                |            | 8 PROSPECT ST                  | NASHUA           | NH          | 03060-2728     | 603-689-2400                | Engineering Dept  |
| 0000H-00173     | 3 CAPITOL ST         | NASHUA        | NH             | 03063             | STATE STREET REALTY INC                                       |            | 27 AIRPORT RD                  | NASHUA           | NH          | 03063-1006     | 603-883-5531                |   |
| 0000G-00453     | 3 COTTON RD          | NASHUA        | NH             | 03063             | 1987 TAMPOSI LIMITED PNTSRHP / EVANS MGMT-MCDONALD'S REST     |            | PO BOX 182571                  | COLUMBUS         | OH          | 43218-2571     | 603-598-4475                |   |
| 0000G-00596     | 3 NORTH SOUTHWOOD DR | NASHUA        | NH             | 03063             | STATE OF NH - DEPT OF ROW                                     |            | PO BOX 483 HAZEN DR            | CONCORD          | NH          | 03301-3313     |                             |   |
| 0000H-00180     | 34 CELLU DR          | NASHUA        | NH             | 03063             | 34 CELLU DRIVE, LLC   |            | 3 EAST SPIT BROOK ROAD         | NASHUA           | NH          | 03060          | 603-888-5443                | Jeff Gagnon (Unsure of last name spelling), Jeff called back and said to contact Ray Rowell |
| 0000G-00026     | 369 AMHERST ST       | NASHUA        | NH             | 03063             | HAMILTON REALTY CORP  |            | 201 VINTAGE CT                 | WILLIAMSBURG     | VA          | 23188-0447     | 603-882-6931                | John Ferrera (Manager)  |
| 0000G-00093     | 370 AMHERST ST       | NASHUA        | NH             | 03063             | PUBLIC SERVICE CO OF NH                                       |            | PO BOX 330                     | MANCHESTER       | NH          | 03105-0310     | 603-882-5894                |   |
| 0000G-00398     | 375 AMHERST ST       | NASHUA        | NH             | 03063             | DEMOULAS SUPER MARKETS, INC                                   |            | 875 EAST ST                    | TEWKSBURY        | MA          | 01876-1469     | 603-595-6339                | Normand Martin  |
| 0000G-00527     | 379 AMHERST ST       | NASHUA        | NH             | 03063             | DEMOULAS SUPER MARKETS, INC                                   |            | 875 EAST ST                    | TEWKSBURY        | MA          | 01876-1469     |                             | Normand Martin  |
| 0000H-00174-L-4 | 4 CAPITOL ST         | NASHUA        | NH             | 03063             | STATE STREET REALTY INC                                       |            | 27 AIRPORT RD                  | NASHUA           | NH          | 03063-1713     | 603-883-5531                |   |
| 0000I-00044     | 4 NORTHWEST BLVD     | NASHUA        | NH             | 03063             | DEMOULAS SUPER MARKETS INC                                    |            | 875 EAST ST                    | TEWKSBURY        | MA          | 01876-1469     | 603-577-5014                | Normand Martin  |
| 0000H-00168     | 4 STATE ST           | NASHUA        | NH             | 03063             | INTERCONNECT INVESTMENTS, LLC                                 |            | 4 STATE ST                     | NASHUA           | NH          | 03063-3427     |                             |   |
| 0000H-00296     | 4 TOWNSEND WEST      | NASHUA        | NH             | 03063             | 4 TOWNSEND WEST, LLC  |            | 20 TRAFALGAR SQUARE STE 602    | NASHUA           | NH          | 03063-6595     | 603-883-2000                |   |
| 0000G-00477     | 4 TRAFALGAR SQ       | NASHUA        | NH             | 03063             | STELLOS, JAMES K  |            | 125 NORTHEASTERN BLVD          | NASHUA           | NH          | 03062-1917     | 603-882-3126                |   |
| 0000G-00450     | 400 AMHERST ST       | NASHUA        | NH             | 03063             | MARELD COMPANY INC  |            | 400 AMHERST ST STE 202         | NASHUA           | NH          | 03063-1032     |                             |   |
| 0000G-00002     | 402 AMHERST ST       | NASHUA        | NH             | 03063             | MARELD COMPANY INC  |            | 400 AMHERST ST STE 202         | NASHUA           | NH          | 03063-1032     |                             |   |
| 0000G-00594     | 406 AMHERST ST       | NASHUA        | NH             | 03063             | D & H 402-A PAD / %CATHERINE E CARON & ASSOC                  |            | PO BOX 668                     | KINGSTON         | NH          | 03848-0384     | 603-595-7244                |   |
| 0000H-00469     | 407 AMHERST ST       | NASHUA        | NH             | 03063             | OLYMPIA EQUITY INVESTORS XXIII                                |            | 300 FORE ST U-1A               | PORTLAND         | ME          | 04101          | 603-883-5334                |   |
| 0000H-00038     | 410 AMHERST ST       | NASHUA        | NH             | 03063             | NH B II LLC   |            | PO BOX 4900 DEPT 207           | SCOTTSDALE       | AZ          | 85261-4900     |                             |   |
| 0000H-00036     | 417 AMHERST ST       | NASHUA        | NH             | 03063             | STELLOS FAMILY INVESTMENT PROP                                |            | PO BOX 409                     | NASHUA           | NH          | 03061-6004     | 603-882-5320                |   |
| 0000H-00131     | 419 AMHERST ST       | NASHUA        | NH             | 03063             | P-MAC LP  |            | 74 GILCREAST RD                | LONDONDERRY      | NH          | 03053-3165     | 603-434-9500                |   |
| 0000H-00485     | 420 AMHERST ST       | NASHUA        | NH             | 03063             | AS-VR REALTY LLC  |            | 25 ORCHARD VIEW DR             | LONDONDERRY      | NH          | 03053-1911     |                             |   |
| 0000H-00155     | 421 AMHERST ST       | NASHUA        | NH             | 03063             | P-MAC LP  |            | 74 GILCREAST RD                | LONDONDERRY      | NH          | 03053-3165     | 603-434-9500                |   |
| 0000H-00157     | 427-429 AMHERST ST   | NASHUA        | NH             | 03063             | AJIMA INVESTMENT, LLC   |            | 8 WANDA LANE                   | NASHUA           | NH          | 03062          | 603-864-8539                |   |
| 0000H-00040     | 431 AMHERST ST       | NASHUA        | NH             | 03063             | MITCHELL, SONNY   |            | 431 AMHERST ST                 | NASHUA           | NH          | 03063-1223     | 603-557-1729                |   |
| 0000H-00056     | 433 AMHERST ST       | NASHUA        | NH             | 03063             | 433 AMHERST ST REALTY TRUST / MAMOUNAS, PANAGIOTIS TRUSTEE    |            | 433 AMHERST STREET             | NASHUA           | NH          | 03063          | 603-889-2242                |   |
| 0000H-00073     | 436 AMHERST ST       | NASHUA        | NH             | 03063             | 436 AMHERST LLC / %SURBURAN CAMPUS PROPERTIES IN              |            | 607 NORTH AVE NO 14A           | WAKEFIELD        | MA          | 01880          | 781-246-5600                |   |
| 0000H-00062     | 440 AMHERST ST       | NASHUA        | NH             | 03063             | COMMUNITY COUNCIL OF NASHUA / NH INC                          |            | 7 PROSPECT ST                  | NASHUA           | NH          | 03060-0000     | 603-889-6147                | Dale  |
| 0000H-00291     | 441 AMHERST ST       | NASHUA        | NH             | 03063             | GREENLAND FARMS LLC   |            | 33 HOBBS RD                    | NORTH HAMPTON    | NH          | 03862-2121     | 603-595-2679                |   |
| 0000H-00299     | 443 AMHERST ST       | NASHUA        | NH             | 03063             | GREENLAND FARMS, LLC  |            | 33 HOBBS RD                    | NORTH HAMPTON    | NH          | 03862-2121     | 603-595-2679                |   |
| 0000H-00044     | 444 AMHERST ST       | NASHUA        | NH             | 03063             | MARLAW LLC  |            | 205 SUMMER AVE                 | READING          | MA          | 01867          | 508-374-0371                |   |
| 0000H-00035     | 449 AMHERST ST       | NASHUA        | NH             | 03063             | AMHERST PLAZA LLC / %HERA DEVELOPMENT CORP                    |            | 470 WASHINGTON ST              | BRIGHTON         | MA          | 02135          | 617-787-2008                |   |
| 0000H-00487     | 450 AMHERST ST       | NASHUA        | NH             | 03063             | BERGERON PROPERTIES LLC                                       |            | 273 PRESUMPCOT ST              | PORTLAND         | ME          | 04101-0000     | 603-889-4080                |   |
| 0000H-00143     | 452 AMHERST ST       | NASHUA        | NH             | 03063             | ALLA MARK PROPERTIES LLC                                      |            | 452 AMHERST ST                 | NASHUA           | NH          | 03064-1228     | 603-889-5871                |   |
| 0000H-00415     | 455 AMHERST ST       | NASHUA        | NH             | 03063             | 455 AMHERST ST REALTY LLC                                     |            | 455 AMHERST ST                 | NASHUA           | NH          | 03063-1232     | 603-595-7727                |   |
| 0000H-00293     | 460 AMHERST ST       | NASHUA        | NH             | 03063             | ADAMIAN, HAIG J & RONALD K & / GREGORY S ADAMIAN TRUSTEES     |            | 29 MILL ST                     | ARLINGTON        | MA          | 02476-4488     | 781-648-5350                |   |
| 0000H-00033     | 471 AMHERST ST       | NASHUA        | NH             | 03063             | ANDRADE, CARLOS S & MARIA                                     |            | 471 AMHERST ST                 | NASHUA           | NH          | 03063-1232     | 603-880-6566                |   |
| 0000H-00136     | 472 AMHERST ST       | NASHUA        | NH             | 03063             | NH B II LLC   |            | PO BOX 4900 DEPT 207           | SCOTTSDALE       | AZ          | 85261-4900     |                             |   |
| 0000H-00382     | 475 AMHERST ST       | NASHUA        | NH             | 03063             | BFS RETAIL & COMMERCIAL / OPERATIONS, LLC                     |            | 535 MARRIOTT DR                | NASHVILLE        | TN          | 37214          | 603-821-9312                |   |
| 0000H-00116     | 476 AMHERST ST       | NASHUA        | NH             | 03063             | FAB-BRAZE CORP  |            | 90 RUMFORD AVE                 | SOUTH WALTHAM    | MA          | 02453-3847     | 781-893-6777                |   |
| 0000H-00075     | 482 AMHERST ST       | NASHUA        | NH             | 03063             | ON IN TWO MANAGEMENT, INC                                     |            | 482 AMHERST ST                 | NASHUA           | NH          | 03063-0205     | 877-583-4149                | Joe Mitchell  |
| 0000H-00521     | 483 AMHERST ST       | NASHUA        | NH             | 03063             | RPI NASHUA REALTY LLC   |            | 27 MICA LN STE 201             | WELLESLEY        | MA          | 02481-1005     | 603-886-1313                |   |
| 0000H-00112     | 485 AMHERST ST       | NASHUA        | NH             | 03063             | LEEMILT'S PETROLEUM INC / c/o GETTY PETROLEUM MARKETING       |            | 125 JERICHO TURNPIKE SUITE 103 | JERICHO          | NY          | 11753          | 516-478-5400                |   |
| 0000H-00022     | 486 AMHERST ST       | NASHUA        | NH             | 03063             | TAMPOSI, SAMUEL A SR TRUST & PRUNIER, GERALD R TRUSTEE        |            | 20 TRAFALGAR SQ STE 602        | NASHUA           | NH          | 03063          | 603-883-2000                |   |
| 0000H-00176     | 487 AMHERST ST       | NASHUA        | NH             | 03063             | CAMPAGNA, RONALD J & LINDA M / TRSTS GENTLE TOUCH II REV TRST |            | 487 AMHERST ST                 | NASHUA           | NH          | 03063-1232     | 603-886-4211                |   |
| 0000H-00292     | 488 AMHERST ST       | NASHUA        | NH             | 03063             | S-BNK NASHUA, LLC c/o TRAMMELL CROW CO.                       |            | PO BOX 14115                   | READING          | PA          | 19612-2731     | 603-880-1969                | Shawna  |
| 0000H-00122     | 491 AMHERST ST       | NASHUA        | NH             | 03063             | 491 AMHERST STREET LLC  |            | 491 AMHERST ST STE 22          | NASHUA           | NH          | 03063-1658     | 603-889-7188                |   |
| 0000H-00166     | 493 AMHERST ST       | NASHUA        | NH             | 03063             | Crescent Properties Realty Trust, Anton, Charles A Trustee    |            | 500 Clark Rd                   | Tewksbury        | MA          | 01876          |                             |   |
| 0000H-00159     | 494 AMHERST ST       | NASHUA        | NH             | 03063             | MCLAUGHLIN, BRIAN J   |            | 323 MANLEY ST                  | WEST BRIDGEWATER | MA          | 02379          | 508-586-8456                |   |
| 0000H-00163     | 495 AMHERST ST       | NASHUA        | NH             | 03063             | Crescent Properties Realty Trust, Anton, Charles A Trustee    |            | 500 Clark Rd                   | TEWKSBURY        | MA          | 10876          | 603-882-8454                |   |
| 0000H-00074     | 496 AMHERST ST       | NASHUA        | NH             | 03063             | SOUTHLAND CORPORATION   |            | 2711 N HASKELL AVE             | DALLAS           | TX          | 75204-2911     | 603-889-1427                | Construction and Facilities Department  |
| 0000H-00175     | 5 STATE ST           | NASHUA        | NH             | 03063             | 5 STATE STREET, LLC   |            | 2025 WOODBURY AVE              | NEWINGTON        | NH          | 03801          |                             |   |
| 0000H-00124     | 500 AMHERST ST       | NASHUA        | NH             | 03063             | FLEETBOSTON / c/o BANK OF AMERICA                             |            | 101 N TRYON ST NC10010381      | CHARLOTTE        | NC          | 28255          | 800-432-1000                |   |
| 0000H-00060     | 504 AMHERST ST       | NASHUA        | NH             | 03063             | M AND S LIMITED PARTNERSHIP / % HENLEY ENTERPRISES INC        |            | 54 JACONNET ST                 | NEWTON HLDS      | MA          | 02461-3102     | 671-831-4120                |   |

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|-------------|---------------------|---------------|----------------|-------------------|--|------------|--------------------------------|---------------|-------------|----------------|-----------------------------|-----------------------------------|
| 0000H-00571 | 512 AMHERST ST      | NASHUA        | NH             | 03063             | COLE, WILLIAM & JUDITH TRSTS / WILLIAM A COLE REALTY TRUST     |            | 1271 MAIN ST                   | TEWKSBURY     | MA          | 01876-2700     | 603-882-8868                | Bill                              |
| 0000H-00089 | 518 AMHERST ST      | NASHUA        | NH             | 03063             | FOCUS REALTY GROUP, LLC  |            | 25 ORCHARD DRIVE               | QUEENSBURY    | NY          | 12804          | 603-880-1411                | Brendan                           |
| 0000H-00167 | 520 AMHERST ST      | NASHUA        | NH             | 03063             | FIVE N ASSOCIATES & / NASH, Q PETER REV TRUST                  |            | 91 AMHERST ST                  | NASHUA        | NH          | 03064-7210     | 603-886-9129                |                                   |
| 0000H-00020 | 522 AMHERST ST      | NASHUA        | NH             | 03063             | FIVE N ASSOCIATES  |            | 91 AMHERST ST                  | NASHUA        | NH          | 03064-3427     | 603-882-6026                |                                   |
| 0000H-00139 | 531 AMHERST ST      | NASHUA        | NH             | 03063             | PASTOR, DAVID M REV TRUST                                      |            | 51 DUPAW GOULD ROAD            | BROOKLINE     | NH          | 03033          | 603-889-4146                | Dave Pastor                       |
| 0000H-00088 | 539 AMHERST ST      | NASHUA        | NH             | 03063             | ANDERSON, WALTER W JR & DAVID / TRSTS W & C ANDERSON TRUST     |            | 1 AYER RD                      | NASHUA        | NH          | 03064-1193     |                             |                                   |
| 0000H-00048 | 542 AMHERST ST      | NASHUA        | NH             | 03063             | 1987 TAMPOSI LIMITED / PARTNERSHIP                             |            | 20 TRAFALGAR SQ STE 602        | NASHUA        | NH          | 03063-1016     | 603-883-2000                |                                   |
| 0000H-00129 | 543 AMHERST ST      | NASHUA        | NH             | 03063             | SOUSA, JOSEPH J & SOUSA, LORRAINE A                            |            | 143 TOPSFIELD RD               | WENHAM        | MA          | 01984          | 978-468-7393                |                                   |
| 0000H-00178 | 546 AMHERST ST      | NASHUA        | NH             | 03063             | NEW HAMPSHIRE COLLEGE c/o SOUTHERN NH UNIVERSITY               |            | 2500 N RIVER RD                | MANCHESTER    | NH          | 03106-0000     |                             |                                   |
| 0000H-00047 | 547 AMHERST ST      | NASHUA        | NH             | 03063             | 547 AMHERST LLC / %SUBURBAN CAMPUS PROPERTIES IN               |            | 607 NORTH AVE NO 14A           | WAKEFIELD     | MA          | 01880          | 781-246-5600                | Ann (Maintenance Dept.)           |
| 0000H-00646 | 550 AMHERST ST      | NASHUA        | NH             | 03063             | HIRSCH, JEFFREY M / C/O LINEAR RETAIL NASHUA 2 LLC             |            | ONE BURLINGTON WOODS DRIVE     | BURLINGTON    | MA          | 01803          | 603-595-3373                |                                   |
| 0000H-00050 | 561 AMHERST ST      | NASHUA        | NH             | 03063             | PIEKARSKI REALTY HOLDING, LLC                                  |            | 561 AMHERST ST                 | NASHUA        | NH          | 03063          | 603-886-2867                |                                   |
| 0000H-00626 | 575 AMHERST ST      | NASHUA        | NH             | 03063             | NIM-COR INC  |            | 575 AMHERST STREET             | NASHUA        | NH          | 03063-0000     | 603-889-2153                |                                   |
| 0000H-00637 | 580 AMHERST ST      | NASHUA        | NH             | 03063             | TEXAS ROADHOUSE HOLDINGS LLC                                   |            | 580 AMHERST ST                 | NASHUA        | NH          | 03063-0000     | 603-595-7293                |                                   |
| 0000H-00627 | 581 AMHERST ST      | NASHUA        | NH             | 03063             | FIVE SEVEN NINE AMHERST STREET / REALTY TRUST                  |            | 579 AMHERST ST                 | NASHUA        | NH          | 03063-0000     | 603-889-0161                |                                   |
| 0000H-00636 | 590 AMHERST ST      | NASHUA        | NH             | 03063             | TAURENT AS NH LP % TAURUS MNTG SERVICEES, LLC                  |            | 610 NORTH WYMORE ROAD U-200    | MAITLAND      | FL          | 32751          | 603-821-6021                |                                   |
| 0000H-00107 | 593 AMHERST ST      | NASHUA        | NH             | 03063             | KEROUAC, PAUL E & Y KAREN / %UNO #507 RESTAURANT/LEASE ADM     |            | 100 CHARLES PARK RD            | BOSTON        | MA          | 02132-0000     | 603-886-1693                |                                   |
| 0000I-00570 | 6 NORTHWEST BLVD    | NASHUA        | NH             | 03063             | VALLEY PROPERTIES INC  |            | 875 EAST ST                    | TEWKSBURY     | MA          | 01876-1469     | 978-851-8000                |                                   |
| 0000H-00169 | 6 STATE ST          | NASHUA        | NH             | 03063             | LG REALTY TRUST / FERN M & LESLIE GETTO TRUSTEES               |            | 35 ALSUN DR                    | HOLLIS        | NH          | 03049-6004     |                             |                                   |
| 0000H-00140 | 600 AMHERST ST      | NASHUA        | NH             | 03063             | TARGET CORPORATION   |            | PO BOX 9456                    | MINNEAPOLIS   | MN          | 55440-1734     | 603-324-0039                |                                   |
| 0000H-00105 | 607 AMHERST ST      | NASHUA        | NH             | 03063             | 607 AMHERST STREET, LLC  |            | 10 GEORGE STREET               | LOWELL        | MA          | 01852          | 603-886-8860                | Matt                              |
| 0000I-00057 | 610 AMHERST ST      | NASHUA        | NH             | 03063             | HUNT, N&D & AUGER, T&D / C/O MARVIN F POER & COMPANY           |            | PO BOX 802206                  | DALLAS        | TX          | 75380          | 603-578-0400                |                                   |
| 0000H-00104 | 611 AMHERST ST      | NASHUA        | NH             | 03063             | 611 AMHERST STREET, LLC  |            | 192 WORCESTER ROAD             | NATICK        | MA          | 01760          | 603-883-1600                |                                   |
| 0000H-00152 | 613 1/2 AMHERST ST  | NASHUA        | NH             | 03063             | RS ENGLAND PROPERTIES, LLC                                     |            | 613 AMHERST ST                 | NASHUA        | NH          | 03063          |                             |                                   |
| 0000H-00135 | 613 AMHERST ST      | NASHUA        | NH             | 03063             | RS ENGLAND PROPERTIES LLC                                      |            | 613 AMHERST ST                 | NASHUA        | NH          | 03063-2920     |                             |                                   |
| 0000I-00002 | 615 AMHERST ST      | NASHUA        | NH             | 03063             | GREATER NASHUA COUNCIL ALCOHOL / DBA KEYSTONE HALL             |            | 45 HIGH STREET                 | NASHUA        | NH          | 03060          | 603-598-6660                |                                   |
| 0000I-00056 | 620 AMHERST ST      | NASHUA        | NH             | 03063             | GTY MA/NH LEASING, INC   |            | 125 JERICHO TURNPIKE SUITE 103 | JERICHO       | NY          | 11753          | 516-478-5400                |                                   |
| 0000I-00001 | 625 AMHERST ST      | NASHUA        | NH             | 03063             | 256 INVESTMENT ASSOCIATES LLC                                  |            | 40 SAWYER POINT RD             | MIRROR LAKE   | NH          | 03853          |                             |                                   |
| 0000I-00040 | 631 AMHERST ST      | NASHUA        | NH             | 03063             | 256 INVESTMENT ASSOCIATES LLC / % ELANES LLC                   |            | 53 STILES RD STE A103          | SALEM         | NH          | 03079          | 603-577-8706                |                                   |
| 0000I-00051 | 633 AMHERST ST      | NASHUA        | NH             | 03063             | 633 AMHERST STREET, LLC / % CVS PHARMACY, INC #723-02          |            | ONE CVS DR                     | WOONSOCKET    | RI          | 02895          | 603-880-6861                |                                   |
| 0000I-00028 | 635 AMHERST ST      | NASHUA        | NH             | 03063             | 635 AMHERST STREET, LLC  |            | 549 ROUTE 1 BYPASS             | PORTSMOUTH    | NH          | 03801          | 603-889-3030                |                                   |
| 0000I-00026 | 647 AMHERST ST      | NASHUA        | NH             | 03063             | TDLE, LLC  |            | 6 MANDINBARB CIR               | NASHUA        | NH          | 03062-1017     | 603-889-6666                |                                   |
| 0000I-00039 | 650 AMHERST ST      | NASHUA        | NH             | 03063             | NASH FAMILY INVESTMENT PROPERTIES                              |            | 40 TEMPLE ST                   | NASHUA        | NH          | 03060-3427     | 603-886-8420                |                                   |
| 0000H-00133 | 7 DEERWOOD DR       | NASHUA        | NH             | 03063             | FLEETBOSTON / c/o BANK OF AMERICA                              |            | 101 N TRYON ST NC10010381      | CHARLOTTE     | NC          | 28255          |                             |                                   |
| 0000H-00063 | 71 DEERWOOD DR      | NASHUA        | NH             | 03063             | KC PROPCO LLC / % GREENSTREET RE PARTNERS LP                   |            | 2601 S BAYSHORE DR 9TH FL      | COCONUT GROVE | FL          | 33133          | 603-886-9085                |                                   |
| 0000H-00097 | 8 CAPITOL ST        | NASHUA        | NH             | 03063             | 8 CAPITAL STREET LLC / %WINSTANLEY ENTERPRISES INC             |            | 150 BAKER AVE EXT STE 303      | CONCORD       | MA          | 01742-0005     | 603-880-0535                | David Pinch (Operations Manager)  |
| 0000G-00087 | 8 COTTON RD ;33;40  | NASHUA        | NH             | 03063             | HUDSON-RPM DISTRIBUTORS, LLC                                   |            | 150 BLACKSTONE RIVER RD        | WORCESTER     | MA          | 01607          | 603-595-0438                |                                   |
| 0000H-00170 | 8 STATE ST          | NASHUA        | NH             | 03063             | FIVE N ASSOCIATES  |            | 91 AMHERST ST                  | NASHUA        | NH          | 03064-3427     |                             |                                   |
| 0000H-00639 | 8 TOWNSEND WEST     | NASHUA        | NH             | 03063             | MURNAY, LLC  |            | GREENWOOD RIDGE RD PO BOX 417  | DUBLIN        | NH          | 03444-0000     | 603-594-2800                |                                   |
| 0000H-00576 | 80 NORTHWEST BLVD   | NASHUA        | NH             | 03063             | CARLSON, J CHARLES TRUSTEE OF / CRICNASH-NH TRST c/o DELTA EDU |            | 80 NORTHWEST BLVD.             | NASHUA        | NH          | 03063-0000     | 603-889-8899                |                                   |
| 0000I-00032 | 8-20 NORTHWEST BLVD | NASHUA        | NH             | 03063             | DEMOULAS SUPER MARKETS INC                                     |            | 875 EAST ST                    | TEWKSBURY     | MA          | 01876-1469     | 978-851-8000                | Normand Martin                    |
| 0000H-00633 | 85 NORTHWEST BLVD   | NASHUA        | NH             | 03063             | SAT SR LIMITED PARTNERSHIP                                     |            | 20 TRAFALGAR SQ                | NASHUA        | NH          | 03063-0000     |                             |                                   |
| 0000H-00096 | 87 DEERWOOD DR      | NASHUA        | NH             | 03063             | LATULIPPE, RON MANAGEMENT LLC                                  |            | 73 SEAVERNS BRIDGE RD          | AMHERST       | NH          | 03031          | 603-883-1667                |                                   |
| 0000H-00172 | 9 STATE ST          | NASHUA        | NH             | 03063             | 9 STATE STREET LLC   |            | 19 QUINCY AVE                  | QUINCY        | MA          | 02169-1018     |                             |                                   |
| 0000H-00297 | 9 TOWNSEND WEST     | NASHUA        | NH             | 03063             | FLIR COMMERCIAL SYSTEMS, INC                                   |            | 9 TOWNSEND WEST                | NASHUA        | NH          | 03063          | 877-239-8324                | Dave Murray                       |
| 0000G-00478 | 9 TRAFALGAR SQ      | NASHUA        | NH             | 03063             | SMITH, H J & RS CIUMMEI TRSTS                                  |            | 175 ANDOVER ST                 | DANVERS       | MA          | 01923-4100     |                             |                                   |
| 0000I-00047 | 91 FARLEY RD        | NASHUA        | NH             | 03063             | NJC REALTY HOLDINGS LLC  |            | PO BOX 748                     | NASHUA        | NH          | 03061          |                             |                                   |
| 0000I-00030 | 97 FARLEY RD        | NASHUA        | NH             | 03063             | CHURCH OF CHRIST   |            | 97 FARLEY RD                   | NASHUA        | NH          | 03063-0000     | 603-889-0979                |                                   |
| 0000H-00181 | 4 CELLU DR          | NASHUA        | NH             | 03063             | HIRSCH, JEFFREY M  |            | ONE BURLINGTON WOODS DRIVE     | BURLINGTON    | MA          | 01803          | 603-595-6460                | Melissa Hudson (Property Manager) |

**Table A-2. Commercial and Industrial Property Characteristics**

| Parcel ID   | Property Address        | Property City | Property State | Property Zip code | Parcel Area (acres) | Parking Lot Area (acres) | Number of Drainage Structures | BMP Type        |
|-------------|-------------------------|---------------|----------------|-------------------|---------------------|--------------------------|-------------------------------|-----------------|
| 002012003   | 134 HOLLIS RD (RTE 122) | AMHERST       | NH             | 03031             | 6.18                | 1.23                     | 3                             |                 |
| 002024000   | 31 OLD NASHUA RD UNIT C | AMHERST       | NH             | 03031             | 5.85                | 0.27                     | 2                             |                 |
| 002028006   | 7 NORTHERN BLVD         | AMHERST       | NH             | 03031             | 3.16                | 0.55                     | 4                             |                 |
| 002028008   | 8 COLUMBIA DR           | AMHERST       | NH             | 03031             | 3.31                | 0.69                     | 4                             |                 |
| 002028009   | 10 COLUMBIA DR          | AMHERST       | NH             | 03031             | 5.83                | 0.69                     | 4                             |                 |
| 002028010   | 12 COLUMBIA DR          | AMHERST       | NH             | 03031             | 2.71                | 0.97                     | 6                             |                 |
| 002028012   | 15 COLUMBIA DR          | AMHERST       | NH             | 03031             | 3.39                | 0.57                     | 4                             |                 |
| 002028013   | 13 COLUMBIA DR          | AMHERST       | NH             | 03031             | 5.86                | 2.07                     | 5                             | SWALE & OUTFALL |
| 002028015   | 9 COLUMBIA DR           | AMHERST       | NH             | 03031             | 4.33                | 0.46                     | 3                             | SWALE           |
| 002028017   | 9 COLUMBIA DR (A)       | AMHERST       | NH             | 03031             | 5.25                | 0.66                     | 4                             |                 |
| 002028024   | 29 NORTHERN BLVD        | AMHERST       | NH             | 03031             | 3.44                | 0.19                     | 1                             |                 |
| 002028030   | 6 COLUMBIA DR UNIT 1    | AMHERST       | NH             | 03031             | 2.82                | 0.82                     | 5                             |                 |
| 002031002   | 5 MANHATTAN PK          | AMHERST       | NH             | 03031             | 1.26                | 0.06                     | 0                             |                 |
| 002031003   | 8 MANHATTAN PK          | AMHERST       | NH             | 03031             | 3.43                | 0.11                     | 1                             |                 |
| 002031005   | 4 MANHATTAN PK          | AMHERST       | NH             | 03031             | 2.31                | 0.11                     | 1                             |                 |
| 002033001   | 5 CALDWELL DR           | AMHERST       | NH             | 03031             | 2.57                | 1.18                     | 3                             |                 |
| 002033002   | 19 COLUMBIA DR          | AMHERST       | NH             | 03031             | 1.58                | 0.62                     | 4                             |                 |
| 002033004   | 13 CALDWELL DR          | AMHERST       | NH             | 03031             | 2.83                | 0.11                     | 1                             |                 |
| 002033005   | 15 CALDWELL DR          | AMHERST       | NH             | 03031             | 3.67                | 0.28                     | 2                             |                 |
| 002033006   | 14 CALDWELL DR          | AMHERST       | NH             | 03031             | 3.11                | 0.46                     | 3                             |                 |
| 002033009   | 14 COLUMBIA DR          | AMHERST       | NH             | 03031             | 1.94                | 0.55                     | 4                             |                 |
| 002033010   | 16 COLUMBIA DR          | AMHERST       | NH             | 03031             | 1.81                | 0.40                     | 3                             |                 |
| 002033011   | 1 HOWE DR               | AMHERST       | NH             | 03031             | 2.18                | 0.18                     | 1                             |                 |
| 002034003   | 5 HOWE DR               | AMHERST       | NH             | 03031             | 2.99                | 0.69                     | 4                             |                 |
| 002034004   | 14 HOWE DR              | AMHERST       | NH             | 03031             | 3.79                | 0.39                     | 2                             |                 |
| 002034006   | 12 HOWE DR              | AMHERST       | NH             | 03031             | 3.02                | 0.46                     | 3                             |                 |
| 002035000   | 123 RTE 101A            | AMHERST       | NH             | 03031             | 5.53                | 0.69                     | 4                             |                 |
| 002037000   | 120 RTE 101A            | AMHERST       | NH             | 03031             | 7.87                | 0.51                     | 3                             | DETENTION BASIN |
| 002042000   | 116 RTE 101A            | AMHERST       | NH             | 03031             | 19.32               | 0.46                     | 3                             |                 |
| 002042001   | 112 RTE 101A            | AMHERST       | NH             | 03031             | 1.10                | 0.42                     | 3                             |                 |
| 002042002   | 114 RTE 101A            | AMHERST       | NH             | 03031             | 0.77                | 0.30                     | 2                             |                 |
| 002043006   | 108 RTE 101A            | AMHERST       | NH             | 03031             | 1.76                | 0.16                     | 1                             |                 |
| 002043007   | 2 PAULS WAY             | AMHERST       | NH             | 03031             | 1.06                | 0.24                     | 2                             |                 |
| 002044000   | 110 RTE 101A            | AMHERST       | NH             | 03031             | 0.58                | 0.08                     | 1                             |                 |
| 002045000   | 123 RTE 101A            | AMHERST       | NH             | 03031             | 16.06               | 2.93                     | 7                             |                 |
| 002046001   | 107 RTE 101A            | AMHERST       | NH             | 03031             | 1.84                | 0.23                     | 1                             |                 |
| 002046005   | 6 CALDWELL DR           | AMHERST       | NH             | 03031             | 4.15                | 0.27                     | 2                             | DETENTION BASIN |
| 002046008   | 111 RTE 101A            | AMHERST       | NH             | 03031             | 2.15                | 0.11                     | 1                             |                 |
| 002047001   | 102 RTE 101A            | AMHERST       | NH             | 03031             | 0.51                | 0.11                     | 1                             |                 |
| 002047002   | 104 RTE 101A            | AMHERST       | NH             | 03031             | 0.50                | 0.17                     | 1                             |                 |
| 002048000   | 105 RTE 101A (A)        | AMHERST       | NH             | 03031             | 0.46                | 0.10                     | 1                             |                 |
| 002050000   | 105 RTE 101A            | AMHERST       | NH             | 03031             | 5.15                | 2.07                     | 5                             |                 |
| 002051000   | 103 RTE 101A            | AMHERST       | NH             | 03031             | 0.41                | 0.09                     | 1                             |                 |
| 002052000   | 101 RTE 101A            | AMHERST       | NH             | 03031             | 0.39                | 0.04                     | 0                             |                 |
| 002057000   | 95 RTE 101A             | AMHERST       | NH             | 03031             | 0.43                | 0.04                     | 0                             |                 |
| 002061000   | 90 RTE 101A             | AMHERST       | NH             | 03031             | 0.71                | 0.09                     | 1                             |                 |
| 002063000   | 88 RTE 101A             | AMHERST       | NH             | 03031             | 0.70                | 0.14                     | 1                             |                 |
| 002064000   | 86 RTE 101A             | AMHERST       | NH             | 03031             | 0.77                | 0.10                     | 1                             |                 |
| 002065000   | 84 RTE 101A             | AMHERST       | NH             | 03031             | 0.69                | 0.14                     | 1                             |                 |
| 002066002   | 75 RTE 101A (& 73)      | AMHERST       | NH             | 03031             | 2.50                | 0.11                     | 1                             |                 |
| 002066004   | 3 NORTHERN BLVD         | AMHERST       | NH             | 03031             | 1.85                | 0.09                     | 1                             |                 |
| 002068000   | 80 RTE 101A             | AMHERST       | NH             | 03031             | 0.69                | 0.10                     | 1                             |                 |
| 002069000   | 78 RTE 101A             | AMHERST       | NH             | 03031             | 0.67                | 0.11                     | 1                             |                 |
| 002070000   | 76 RTE 101A             | AMHERST       | NH             | 03031             | 0.83                | 0.11                     | 1                             |                 |
| 002076000   | 74 RTE 101A             | AMHERST       | NH             | 03031             | 0.74                | 0.11                     | 1                             |                 |
| 002077002   | 69 RTE 101A             | AMHERST       | NH             | 03031             | 1.54                | 0.05                     | 0                             |                 |
| 002080001   | 68 RTE 101A             | AMHERST       | NH             | 03031             | 1.41                | 0.11                     | 1                             |                 |
| 002081000   | 67 RTE 101A             | AMHERST       | NH             | 03031             | 0.57                | 0.15                     | 1                             |                 |
| 002082000   | 65 RTE 101A             | AMHERST       | NH             | 03031             | 0.53                | 0.22                     | 1                             |                 |
| 002083000   | 66 RTE 101A             | AMHERST       | NH             | 03031             | 1.94                | 0.11                     | 1                             |                 |
| 002084000   | 63 RTE 101A             | AMHERST       | NH             | 03031             | 0.79                | 0.11                     | 1                             |                 |
| 002086000   | 62 RTE 101A             | AMHERST       | NH             | 03031             | 4.06                | 0.46                     | 3                             |                 |
| 002503000   | CALDWELL DR-COLONIAL S  | AMHERST       | NH             | 03031             | 1.12                | 0.64                     | 4                             |                 |
| 012005000   | 3 CRAFTSMAN LN          | AMHERST       | NH             | 03031             | 3.52                | 0.22                     | 1                             |                 |
| 012006000   | 1 CRAFTSMAN LN          | AMHERST       | NH             | 03031             | 0.92                | 0.26                     | 2                             |                 |
| 012010000   | 141 RTE 101A            | AMHERST       | NH             | 03031             | 3.41                | 0.92                     | 6                             |                 |
| 012012000   | 135 RTE 101A            | AMHERST       | NH             | 03031             | 3.59                | 0.89                     | 6                             |                 |
| 012017000   | 130 RTE 101A            | AMHERST       | NH             | 03031             | 1.22                | 0.30                     | 2                             |                 |
| 012018000   | 132 RTE 101A            | AMHERST       | NH             | 03031             | 0.94                | 0.11                     | 1                             |                 |
| 012037000   | 134 RTE 101A            | AMHERST       | NH             | 03031             | 0.58                | 0.23                     | 1                             |                 |
| 012038000   | 136 RTE 101A            | AMHERST       | NH             | 03031             | 0.97                | 0.11                     | 1                             |                 |
| 012039000   | 138 RTE 101A            | AMHERST       | NH             | 03031             | 1.27                | 0.34                     | 2                             |                 |
| 012040000   | 2 CRAFTSMAN LN          | AMHERST       | NH             | 03031             | 1.64                | 0.05                     | 0                             |                 |
| 012041000   | 4 CRAFTSMAN LN          | AMHERST       | NH             | 03031             | 0.51                | 0.08                     | 1                             |                 |
| 2A000090000 | 517 SEAVERNS BRIDGE RD  | MERRIMACK     | NH             | 03054             | 4.60                | 0.46                     | 3                             |                 |
| 2A000560000 | 522 BOSTON POST RD      | MERRIMACK     | NH             | 03054             | 3.18                | 0.13                     | 1                             |                 |
| 2B000040000 | 708 MILFORD RD          | MERRIMACK     | NH             | 03054             | 13.52               | 0.90                     | 6                             | DETENTION BASIN |
| 2B000040001 | 101A MILFORD RD         | MERRIMACK     | NH             | 03054             | 2.09                | 1.15                     | 3                             |                 |
| 2B000060001 | A MILFORD RD            | MERRIMACK     | NH             | 03054             | 10.29               | 0.18                     | 1                             |                 |
| 3C000390000 | 81 CAMP SARGENT RD      | MERRIMACK     | NH             | 03054             | 8.01                | 0.02                     | 0                             |                 |
| 3C001910004 | COMMERCE DR             | MERRIMACK     | NH             | 03054             | 1.03                | 0.08                     | 1                             |                 |

**Table A-2. Commercial and Industrial Property Characteristics**

| Parcel ID        | Property Address       | Property City | Property State | Property Zip code | Parcel Area (acres) | Parking Lot Area (acres) | Number of Drainage Structures | BMP Type                            |
|------------------|------------------------|---------------|----------------|-------------------|---------------------|--------------------------|-------------------------------|-------------------------------------|
| 2B003600000      | 709 MILFORD RD         | MERRIMACK     | NH             | 03054             | 0.20                | 1.38                     | 3                             | LID - INFILTRATION BASIN            |
| 3C001910000      | 1 SPARTAN WY           | MERRIMACK     | NH             | 03054             | 302.21              | 19.53                    | 37                            |                                     |
| 2D000060000      | 130 DW HIGHWAY         | MERRIMACK     | NH             | 03054             | 26.95               | 5.81                     | 11                            |                                     |
| 2C001130000      | 2 CONTRA WY            | MERRIMACK     | NH             | 03054             | 106.19              | 7.06                     | 13                            | DETENTION POND                      |
| 2D000040003      | 21 MANCHESTER ST       | MERRIMACK     | NH             | 03054             | 2.66                | 1.95                     | 5                             | SWALE                               |
| 2B003580000      | 228 NATICOOK RD        | MERRIMACK     | NH             | 03054             | 0.73                | 0.34                     | 2                             |                                     |
| 2A000050000      | 25 CRAFTSMAN LN        | MERRIMACK     | NH             | 03054             | 0.55                | 0.11                     | 1                             |                                     |
| 3C000400000      | 40 CONTINENTAL BV      | MERRIMACK     | NH             | 03054             | 0.29                | 4.82                     | 12                            |                                     |
| 2D000350000      | 7 WEBB DR              | MERRIMACK     | NH             | 03054             | 1.08                | 0.32                     | 2                             |                                     |
| 2D000370000      | 70 DW HIGHWAY          | MERRIMACK     | NH             | 03054             | 0.11                | 0.17                     | 1                             |                                     |
| 2B000010000      | 704 MILFORD RD         | MERRIMACK     | NH             | 03054             | 1.15                | 0.23                     | 1                             |                                     |
| 2B000040002      | 706 MILFORD RD         | MERRIMACK     | NH             | 03054             | 0.99                | 0.34                     | 2                             |                                     |
| 2B000030000      | 710 MILFORD RD         | MERRIMACK     | NH             | 03054             | 0.62                | 0.46                     | 3                             |                                     |
| 2B000310000      | 717 MILFORD RD         | MERRIMACK     | NH             | 03054             | 4.27                | 1.72                     | 4                             |                                     |
| 2B000300000      | 721 MILFORD RD         | MERRIMACK     | NH             | 03054             | 97.89               | 4.64                     | 12                            | DETENTION BASIN                     |
| 2B000060000      | 730 MILFORD RD         | MERRIMACK     | NH             | 03054             | 18.01               | 8.61                     | 16                            |                                     |
| 2B000080000      | 736 MILFORD RD         | MERRIMACK     | NH             | 03054             | 2.22                | 1.19                     | 3                             |                                     |
| 3C000400001      | 80 CONTINENTAL BV      | MERRIMACK     | NH             | 03054             | 1.34                | 0.09                     | 1                             |                                     |
| 2D000340000      | 9 WEBB DR              | MERRIMACK     | NH             | 03054             | 3.68                | 0.72                     | 5                             |                                     |
| 2D000040000      | 6 MANCHESTER ST        | MERRIMACK     | NH             | 03054             | 36.34               | 6.81                     | 13                            | WET POND                            |
| 047-044-000      | 295 SOUTH MERRIMACK RD | HOLLIS        | NH             | 03049             | 46.32               | 1.38                     | 3                             |                                     |
| 0000H-00142      | 1 CELLU DR             | NASHUA        | NH             | 03063             | 16.10               | 3.71                     | 9                             | DETENTION BASIN                     |
| 0000G-00099      | 1 COTTON RD            | NASHUA        | NH             | 03063             | 0.27                | 0.05                     | 0                             |                                     |
| 0000H-00158      | 10 CAPITOL ST          | NASHUA        | NH             | 03063             | 4.85                | 0.23                     | 1                             |                                     |
| 0000G-00001      | 10 COTTON RD           | NASHUA        | NH             | 03063             | 1.24                | 0.45                     | 3                             |                                     |
| 0000H-00171      | 10 STATE ST            | NASHUA        | NH             | 03063             | 4.50                | 1.98                     | 5                             |                                     |
| 0000H-00634      | 100 NORTHWEST BLVD     | NASHUA        | NH             | 03063             | 35.00               | 8.20                     | 16                            | DETENTION BASIN                     |
| 0000I-00038      | 11 NORTHWEST BLVD      | NASHUA        | NH             | 03063             | 2.53                | 0.77                     | 5                             |                                     |
| 0000G-00483      | 11 TRAFALGAR SQ        | NASHUA        | NH             | 03063             | 2.11                | 0.94                     | 6                             |                                     |
| 0000I-00036      | 14 CELINA AVE          | NASHUA        | NH             | 03063             | 3.53                | 1.50                     | 4                             |                                     |
| 0000G-00019      | 15 NORTH SOUTHWOOD DR  | NASHUA        | NH             | 03063             | 19.65               | 1.85                     | 5                             | DETENTION BASIN                     |
| 0000I-00035      | 15 NORTHWEST BLVD      | NASHUA        | NH             | 03063             | 3.02                | 1.17                     | 3                             |                                     |
| 0000G-00654-2-15 | 15 TRAFALGAR SQ        | NASHUA        | NH             | 03063             | 0.00                | 10.68                    | 20                            |                                     |
| 0000I-00043      | 16 CELINA AVE          | NASHUA        | NH             | 03063             | 3.46                | 1.48                     | 4                             |                                     |
| 0000G-00590      | 1600 SOUTHWOOD DR      | NASHUA        | NH             | 03063             | 4.00                | 0.63                     | 4                             |                                     |
| 0000G-00557      | 1617 SOUTHWOOD DR      | NASHUA        | NH             | 03063             | 9.96                | 3.21                     | 8                             |                                     |
| 0000I-00034      | 18 CELINA AVE          | NASHUA        | NH             | 03063             | 4.99                | 2.25                     | 6                             | DETENTION BASIN;<br>DETENTION BASIN |
| 0000G-00492      | 2 SOMERSET PKWY        | NASHUA        | NH             | 03063             | 4.72                | 1.70                     | 4                             | DETENTION BASIN                     |
| 0000H-00294-7    | 2 TOWNSEND WEST U-7    | NASHUA        | NH             | 03063             | 2.75                | 0.86                     | 5                             |                                     |
| 0000G-00063      | 20 COTTON RD           | NASHUA        | NH             | 03063             | 1.81                | 0.29                     | 2                             |                                     |
| 0000G-00555      | 2000 SOUTHWOOD DR      | NASHUA        | NH             | 03063             | 3.07                | 1.42                     | 4                             |                                     |
| 0000H-00484      | 22 COTTON RD           | NASHUA        | NH             | 03063             | 10.24               | 4.07                     | 10                            | WET POND                            |
| 0000G-00556      | 2200 SOUTHWOOD DR      | NASHUA        | NH             | 03063             | 7.02                | 2.77                     | 7                             |                                     |
| 0000I-00033      | 22-44 NORTHWEST BLVD   | NASHUA        | NH             | 03063             | 8.61                | 3.85                     | 10                            | SWALE                               |
| 0000H-00145      | 23 DUMAINE AVE         | NASHUA        | NH             | 03063             | 3.35                | 0.96                     | 6                             |                                     |
| 0052-00118       | 233 MANCHESTER ST      | NASHUA        | NH             | 03063             | 124.40              | 7.31                     | 14                            |                                     |
| 0000G-00004      | 27 AIRPORT RD          | NASHUA        | NH             | 03063             | 8.58                | 3.86                     | 10                            |                                     |
| 0000H-00117      | 27 DUMAINE AVE         | NASHUA        | NH             | 03063             | 0.34                | 0.06                     | 0                             |                                     |
| 0000I-00042      | 29 NORTHWEST BLVD      | NASHUA        | NH             | 03063             | 8.60                | 2.08                     | 5                             | SWALE; DETENTION BASIN              |
| 0000H-00173      | 3 CAPITOL ST           | NASHUA        | NH             | 03063             | 5.24                | 2.29                     | 6                             |                                     |
| 0000G-00453      | 3 COTTON RD            | NASHUA        | NH             | 03063             | 0.58                | 0.25                     | 2                             |                                     |
| 0000G-00596      | 3 NORTH SOUTHWOOD DR   | NASHUA        | NH             | 03063             | 13.03               | 3.76                     | 9                             | LID - INFILTRATION                  |
| 0000H-00180      | 34 CELLU DR            | NASHUA        | NH             | 03063             | 10.50               | 2.23                     | 6                             |                                     |
| 0000G-00026      | 369 AMHERST ST         | NASHUA        | NH             | 03063             | 1.84                | 0.79                     | 5                             | DETENTION BASIN                     |
| 0000G-00093      | 370 AMHERST ST         | NASHUA        | NH             | 03063             | 4.65                | 1.80                     | 5                             |                                     |
| 0000G-00398      | 375 AMHERST ST         | NASHUA        | NH             | 03063             | 16.40               | 9.20                     | 17                            | SWALE                               |
| 0000G-00527      | 379 AMHERST ST         | NASHUA        | NH             | 03063             | 5.72                | 2.45                     | 6                             | SWALE                               |
| 0000H-00174-L-4  | 4 CAPITOL ST           | NASHUA        | NH             | 03063             | 8.26                | 2.96                     | 7                             |                                     |
| 0000I-00044      | 4 NORTHWEST BLVD       | NASHUA        | NH             | 03063             | 1.16                | 0.59                     | 4                             |                                     |
| 0000H-00168      | 4 STATE ST             | NASHUA        | NH             | 03063             | 1.84                | 0.72                     | 5                             |                                     |
| 0000H-00296      | 4 TOWNSEND WEST        | NASHUA        | NH             | 03063             | 5.50                | 0.92                     | 6                             |                                     |
| 0000G-00477      | 4 TRAFALGAR SQ         | NASHUA        | NH             | 03063             | 2.59                | 0.95                     | 6                             |                                     |
| 0000G-00450      | 400 AMHERST ST         | NASHUA        | NH             | 03063             | 2.22                | 0.81                     | 5                             |                                     |
| 0000G-00002      | 402 AMHERST ST         | NASHUA        | NH             | 03063             | 1.83                | 0.80                     | 5                             |                                     |
| 0000G-00594      | 406 AMHERST ST         | NASHUA        | NH             | 03063             | 0.92                | 0.46                     | 3                             |                                     |
| 0000H-00469      | 407 AMHERST ST         | NASHUA        | NH             | 03063             | 2.59                | 1.12                     | 3                             |                                     |
| 0000H-00038      | 410 AMHERST ST         | NASHUA        | NH             | 03063             | 5.89                | 1.80                     | 5                             |                                     |
| 0000H-00036      | 417 AMHERST ST         | NASHUA        | NH             | 03063             | 0.46                | 0.12                     | 1                             |                                     |
| 0000H-00131      | 419 AMHERST ST         | NASHUA        | NH             | 03063             | 0.64                | 0.25                     | 2                             |                                     |
| 0000H-00485      | 420 AMHERST ST         | NASHUA        | NH             | 03063             | 24.70               | 3.30                     | 8                             | WET POND                            |
| 0000H-00155      | 421 AMHERST ST         | NASHUA        | NH             | 03063             | 0.86                | 0.32                     | 2                             |                                     |
| 0000H-00157      | 427-429 AMHERST ST     | NASHUA        | NH             | 03063             | 3.72                | 0.59                     | 4                             |                                     |
| 0000H-00040      | 431 AMHERST ST         | NASHUA        | NH             | 03063             | 0.16                | 0.06                     | 0                             |                                     |
| 0000H-00056      | 433 AMHERST ST         | NASHUA        | NH             | 03063             | 1.91                | 0.38                     | 2                             |                                     |
| 0000H-00073      | 436 AMHERST ST         | NASHUA        | NH             | 03063             | 2.80                | 0.52                     | 3                             |                                     |
| 0000H-00062      | 440 AMHERST ST         | NASHUA        | NH             | 03063             | 1.88                | 0.29                     | 2                             |                                     |
| 0000H-00291      | 441 AMHERST ST         | NASHUA        | NH             | 03063             | 0.64                | 0.23                     | 1                             |                                     |

**Table A-2. Commercial and Industrial Property Characteristics**

| Parcel ID   | Property Address    | Property City | Property State | Property Zip code | Parcel Area (acres) | Parking Lot Area (acres) | Number of Drainage Structures | BMP Type           |
|-------------|---------------------|---------------|----------------|-------------------|---------------------|--------------------------|-------------------------------|--------------------|
| 0000H-00299 | 443 AMHERST ST      | NASHUA        | NH             | 03063             | 0.99                | 0.42                     | 3                             |                    |
| 0000H-00044 | 444 AMHERST ST      | NASHUA        | NH             | 03063             | 0.75                | 0.08                     | 1                             |                    |
| 0000H-00035 | 449 AMHERST ST      | NASHUA        | NH             | 03063             | 1.54                | 0.51                     | 3                             |                    |
| 0000H-00487 | 450 AMHERST ST      | NASHUA        | NH             | 03063             | 1.01                | 0.18                     | 1                             |                    |
| 0000H-00143 | 452 AMHERST ST      | NASHUA        | NH             | 03063             | 1.15                | 0.34                     | 2                             |                    |
| 0000H-00415 | 455 AMHERST ST      | NASHUA        | NH             | 03063             | 0.58                | 0.04                     | 0                             |                    |
| 0000H-00293 | 460 AMHERST ST      | NASHUA        | NH             | 03063             | 6.97                | 2.60                     | 7                             |                    |
| 0000H-00033 | 471 AMHERST ST      | NASHUA        | NH             | 03063             | 0.64                | 0.21                     | 1                             |                    |
| 0000H-00136 | 472 AMHERST ST      | NASHUA        | NH             | 03063             | 7.68                | 3.31                     | 8                             |                    |
| 0000H-00382 | 475 AMHERST ST      | NASHUA        | NH             | 03063             | 1.50                | 0.20                     | 1                             |                    |
| 0000H-00116 | 476 AMHERST ST      | NASHUA        | NH             | 03063             | 4.89                | 0.30                     | 2                             |                    |
| 0000H-00075 | 482 AMHERST ST      | NASHUA        | NH             | 03063             | 4.39                | 2.51                     | 6                             |                    |
| 0000H-00521 | 483 AMHERST ST      | NASHUA        | NH             | 03063             | 1.05                | 0.41                     | 3                             |                    |
| 0000H-00112 | 485 AMHERST ST      | NASHUA        | NH             | 03063             | 0.47                | 0.23                     | 1                             |                    |
| 0000H-00022 | 486 AMHERST ST      | NASHUA        | NH             | 03063             | 8.12                | 0.55                     | 3                             |                    |
| 0000H-00176 | 487 AMHERST ST      | NASHUA        | NH             | 03063             | 1.62                | 0.74                     | 5                             |                    |
| 0000H-00292 | 488 AMHERST ST      | NASHUA        | NH             | 03063             | 1.90                | 0.55                     | 3                             |                    |
| 0000H-00122 | 491 AMHERST ST      | NASHUA        | NH             | 03063             | 1.32                | 0.52                     | 3                             |                    |
| 0000H-00166 | 493 AMHERST ST      | NASHUA        | NH             | 03063             | 2.92                | 2.32                     | 6                             |                    |
| 0000H-00159 | 494 AMHERST ST      | NASHUA        | NH             | 03063             | 0.46                | 0.40                     | 3                             |                    |
| 0000H-00163 | 495 AMHERST ST      | NASHUA        | NH             | 03063             | 0.93                | 0.45                     | 3                             |                    |
| 0000H-00074 | 496 AMHERST ST      | NASHUA        | NH             | 03063             | 0.63                | 0.36                     | 2                             |                    |
| 0000H-00175 | 5 STATE ST          | NASHUA        | NH             | 03063             | 2.10                | 0.62                     | 4                             |                    |
| 0000H-00124 | 500 AMHERST ST      | NASHUA        | NH             | 03063             | 1.95                | 0.82                     | 5                             |                    |
| 0000H-00060 | 504 AMHERST ST      | NASHUA        | NH             | 03063             | 0.59                | 0.30                     | 2                             |                    |
| 0000H-00571 | 512 AMHERST ST      | NASHUA        | NH             | 03063             | 0.58                | 0.33                     | 2                             |                    |
| 0000H-00089 | 518 AMHERST ST      | NASHUA        | NH             | 03063             | 0.58                | 0.13                     | 1                             |                    |
| 0000H-00167 | 520 AMHERST ST      | NASHUA        | NH             | 03063             | 1.00                | 0.26                     | 2                             |                    |
| 0000H-00020 | 522 AMHERST ST      | NASHUA        | NH             | 03063             | 5.81                | 2.39                     | 6                             |                    |
| 0000H-00139 | 531 AMHERST ST      | NASHUA        | NH             | 03063             | 0.81                | 0.34                     | 2                             |                    |
| 0000H-00088 | 539 AMHERST ST      | NASHUA        | NH             | 03063             | 1.33                | 0.76                     | 5                             | INFILTRATION BASIN |
| 0000H-00048 | 542 AMHERST ST      | NASHUA        | NH             | 03063             | 1.73                | 0.55                     | 4                             |                    |
| 0000H-00129 | 543 AMHERST ST      | NASHUA        | NH             | 03063             | 1.05                | 0.62                     | 4                             |                    |
| 0000H-00178 | 546 AMHERST ST      | NASHUA        | NH             | 03063             | 3.20                | 1.09                     | 3                             |                    |
| 0000H-00047 | 547 AMHERST ST      | NASHUA        | NH             | 03063             | 1.55                | 0.72                     | 5                             |                    |
| 0000H-00646 | 550 AMHERST ST      | NASHUA        | NH             | 03063             | 1.83                | 1.07                     | 3                             |                    |
| 0000H-00050 | 561 AMHERST ST      | NASHUA        | NH             | 03063             | 1.64                | 0.72                     | 5                             |                    |
| 0000H-00626 | 575 AMHERST ST      | NASHUA        | NH             | 03063             | 8.51                | 1.28                     | 3                             | DETENTION BASIN    |
| 0000H-00637 | 580 AMHERST ST      | NASHUA        | NH             | 03063             | 1.32                | 0.86                     | 6                             |                    |
| 0000H-00627 | 581 AMHERST ST      | NASHUA        | NH             | 03063             | 15.89               | 5.82                     | 11                            | DETENTION BASIN    |
| 0000H-00636 | 590 AMHERST ST      | NASHUA        | NH             | 03063             | 3.93                | 2.16                     | 5                             |                    |
| 0000H-00107 | 593 AMHERST ST      | NASHUA        | NH             | 03063             | 2.11                | 1.24                     | 3                             |                    |
| 0000I-00570 | 6 NORTHWEST BLVD    | NASHUA        | NH             | 03063             | 0.86                | 0.35                     | 2                             |                    |
| 0000H-00169 | 6 STATE ST          | NASHUA        | NH             | 03063             | 1.83                | 0.55                     | 4                             |                    |
| 0000H-00140 | 600 AMHERST ST      | NASHUA        | NH             | 03063             | 10.05               | 5.92                     | 11                            |                    |
| 0000H-00105 | 607 AMHERST ST      | NASHUA        | NH             | 03063             | 1.86                | 0.54                     | 3                             |                    |
| 0000I-00057 | 610 AMHERST ST      | NASHUA        | NH             | 03063             | 2.40                | 1.40                     | 4                             |                    |
| 0000H-00104 | 611 AMHERST ST      | NASHUA        | NH             | 03063             | 2.74                | 0.79                     | 5                             |                    |
| 0000H-00152 | 613 1/2 AMHERST ST  | NASHUA        | NH             | 03063             | 0.44                | 0.01                     | 0                             |                    |
| 0000H-00135 | 613 AMHERST ST      | NASHUA        | NH             | 03063             | 0.34                | 0.10                     | 1                             |                    |
| 0000I-00002 | 615 AMHERST ST      | NASHUA        | NH             | 03063             | 2.84                | 0.95                     | 6                             |                    |
| 0000I-00056 | 620 AMHERST ST      | NASHUA        | NH             | 03063             | 2.62                | 1.61                     | 4                             |                    |
| 0000I-00001 | 625 AMHERST ST      | NASHUA        | NH             | 03063             | 0.60                | 0.04                     | 0                             |                    |
| 0000I-00040 | 631 AMHERST ST      | NASHUA        | NH             | 03063             | 1.60                | 0.72                     | 5                             |                    |
| 0000I-00051 | 633 AMHERST ST      | NASHUA        | NH             | 03063             | 1.66                | 0.56                     | 4                             |                    |
| 0000I-00028 | 635 AMHERST ST      | NASHUA        | NH             | 03063             | 7.48                | 1.67                     | 4                             | INFILTRATION BASIN |
| 0000I-00026 | 647 AMHERST ST      | NASHUA        | NH             | 03063             | 1.53                | 0.73                     | 5                             |                    |
| 0000I-00039 | 650 AMHERST ST      | NASHUA        | NH             | 03063             | 3.90                | 2.04                     | 5                             |                    |
| 0000H-00133 | 7 DEERWOOD DR       | NASHUA        | NH             | 03063             | 0.73                | 0.00                     | 0                             |                    |
| 0000H-00063 | 71 DEERWOOD DR      | NASHUA        | NH             | 03063             | 1.33                | 0.40                     | 3                             |                    |
| 0000H-00097 | 8 CAPITOL ST        | NASHUA        | NH             | 03063             | 11.20               | 4.04                     | 10                            |                    |
| 0000G-00087 | 8 COTTON RD ;33;40  | NASHUA        | NH             | 03063             | 17.19               | 5.07                     | 10                            | WET POND           |
| 0000H-00170 | 8 STATE ST          | NASHUA        | NH             | 03063             | 2.51                | 1.73                     | 4                             |                    |
| 0000H-00639 | 8 TOWNSEND WEST     | NASHUA        | NH             | 03063             | 2.53                | 0.10                     | 1                             |                    |
| 0000H-00576 | 80 NORTHWEST BLVD   | NASHUA        | NH             | 03063             | 22.10               | 4.61                     | 12                            |                    |
| 0000I-00032 | 8-20 NORTHWEST BLVD | NASHUA        | NH             | 03063             | 13.36               | 7.97                     | 15                            |                    |
| 0000H-00633 | 85 NORTHWEST BLVD   | NASHUA        | NH             | 03063             | 12.46               | 2.37                     | 6                             | SWALE              |
| 0000H-00096 | 87 DEERWOOD DR      | NASHUA        | NH             | 03063             | 0.82                | 0.34                     | 2                             |                    |
| 0000H-00172 | 9 STATE ST          | NASHUA        | NH             | 03063             | 1.20                | 0.38                     | 2                             |                    |
| 0000H-00297 | 9 TOWNSEND WEST     | NASHUA        | NH             | 03063             | 11.10               | 4.05                     | 10                            |                    |
| 0000G-00478 | 9 TRAFALGAR SQ      | NASHUA        | NH             | 03063             | 1.91                | 0.79                     | 5                             |                    |
| 0000I-00047 | 91 FARLEY RD        | NASHUA        | NH             | 03063             | 20.28               | 1.68                     | 4                             |                    |
| 0000I-00030 | 97 FARLEY RD        | NASHUA        | NH             | 03063             | 2.57                | 0.67                     | 4                             |                    |
| 0000H-00181 | 4 CELLU DR          | NASHUA        | NH             | 03063             | 2.08                | 0.74                     | 5                             |                    |

# Appendix B Call Log Database



# Appendix B Call Log Database

## **Commercial/Industrial Property Owners**

Contact with each property owner was attempted to obtain available information on current parking lot sweeping and catch basin cleaning practices at each location. Table B-1 includes a summary of the findings.

Contact telephone numbers were collected for commercial and industrial property owners through yellow pages or Google. Telephone numbers were collected for 172 of the 232 properties. CEI was unable to obtain telephone numbers for 60 of the properties. Each of the commercial and industrial property owners with available telephone numbers were contacted to find out existing parking lot maintenance practices and to find out who was responsible for maintenance at each site.

Of the 173 properties that were contacted, about 41 property owners were aware and/or willing to provide information on their existing parking lot maintenance practices. Current sweeping and catch basin cleaning practices obtained for each location is provided in Table B-1.

## **Vendors**

Sweeping and catch basin cleaning vendors were also contacted to obtain information on service costs and potential interest in a watershed maintenance program that offers discounted rates to participating businesses. The information obtained from vendors is included in Table B-2.

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID | Property Address         | Property City | Property State | Property Zip code | Owner/Grantee                | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices  | Current Vendor                                  | Costs                          | Notes  |
|-----------|--------------------------|---------------|----------------|-------------------|------------------------------|-----------------------------|---|--|---|--------------------------------|--|
| 002012003 | 134 HOLLIS RD (RTE 122)  | AMHERST       | NH             | 03031             | C/O AMHERST CHRISTIAN CHURCH | 603-769-4524                |   |  |   |                                | Left message with voicemail  |
| 002024000 | 31 OLD NASHUA RD UNIT 01 | AMHERST       | NH             | 03031             |                              | 0                           |   |  |   |                                |  |
| 002028006 | 7 NORTHERN BLVD          | AMHERST       | NH             | 03031             |                              | 0                           |   |  |   |                                |  |
| 002028008 | 8 COLUMBIA DR            | AMHERST       | NH             | 03031             | LIMITED PARTNERSHIP          |                             |   |  |   |                                |  |
| 002028009 | 10 COLUMBIA DR           | AMHERST       | NH             | 03031             | SAMINIST REALTY LLC ET AL    |                             |   |  |   |                                |  |
| 002028010 | 12 COLUMBIA DR           | AMHERST       | NH             | 03031             | C/O REDIMIX CO INC           | 1-800-998-4434              | Wayne Tarr                                    |  |   |                                | Left Message with Wayne Tarr   |
| 002028012 | 15 COLUMBIA DR           | AMHERST       | NH             | 03031             |                              | 0 603-769-3160              |   |  |   |                                | Sent to Voicemail and left message   |
| 002028013 | 13 COLUMBIA DR           | AMHERST       | NH             | 03031             |                              | 0 603-886-7300              |   | Use Felix Septic Service   |   |                                | Hung up right after and said they weren't interested   |
| 002028015 | 9 COLUMBIA DR            | AMHERST       | NH             | 03031             |                              | 0                           |   |  |   |                                |  |
| 002028017 | 9 COLUMBIA DR (A)        | AMHERST       | NH             | 03031             |                              | 0 603-889-8320              | Peter Sataro                                  |  |   |                                | Was sent to Peter Sataro's voicemail   |
| 002028024 | 29 NORTHERN BLVD         | AMHERST       | NH             | 03031             |                              | 0                           |   |  |   |                                |  |
| 002028030 | 6 COLUMBIA DR UNIT 1     | AMHERST       | NH             | 03031             |                              | 0                           |   |  |   |                                |  |
| 002031002 | 5 MANHATTAN PK           | AMHERST       | NH             | 03031             |                              | 0 603-883-6423              |   |  |   |                                | Hung-up  |
| 002031003 | 8 MANHATTAN PK           | AMHERST       | NH             | 03031             |                              | 0 603-882-6570              |   | Don't use parking lot sweeping machinery                             |   |                                | Small company and they take care of the sweeping themselves, weren't willing to give any other information |
| 002031005 | 4 MANHATTAN PK           | AMHERST       | NH             | 03031             |                              | 0 603-882-9279              |   |  |   |                                | Take care of the sweeping themselves, weren't willing to give other information                            |
| 002033001 | 5 CALDWELL DR            | AMHERST       | NH             | 03031             |                              | 0 603-880-8300              |   |  |   |                                | Left message with answering machine  |
| 002033002 | 19 COLUMBIA DR           | AMHERST       | NH             | 03031             |                              | 0                           |   |  |   |                                |  |
| 002033004 | 13 CALDWELL DR           | AMHERST       | NH             | 03031             | JUDITH K SHENK TRUST         | 603-889-8092                | Diana Shenk                                   | Typically swept once a year  | She thought the name of the person was Si Young | typically about \$100          | Seemed willing to participate in a program but would need to run it by the president                       |
| 002033005 | 15 CALDWELL DR           | AMHERST       | NH             | 03031             | KENNEDY MARY F               | 603-886-3688                |   |  | Do their own sweeping                           | 2 times a year for about \$100 |  |
| 002033006 | 14 CALDWELL DR           | AMHERST       | NH             | 03031             |                              | 0 603-889-4071              | Dave Nichols                                  |  |   |                                | Left message with Dave Nichols   |
| 002033009 | 14 COLUMBIA DR           | AMHERST       | NH             | 03031             |                              | 0 603-883-5531              |   |  |   |                                |  |
| 002033010 | 16 COLUMBIA DR           | AMHERST       | NH             | 03031             |                              | 0 603-883-5531              |   |  |   |                                | Left Message with Gary Gerard  |
| 002033011 | 1 HOWE DR                | AMHERST       | NH             | 03031             |                              | 0                           |   |  |   |                                | 603-880-7223, number not in service, couldn't find other number  |
| 002034003 | 5 HOWE DR                | AMHERST       | NH             | 03031             |                              | 0 603-880-1900              | Mike Grywalski                                | Sweep in the spring and fall and wouldn't give out the vendor's name | N/A   |                                | Don't clean catch basins   |
| 002034004 | 14 HOWE DR               | AMHERST       | NH             | 03031             |                              | 0 603-882-2340              | John Nolan                                    |  |   |                                | Left message with John Nolan's voice mail  |
| 002034006 | 12 HOWE DR               | AMHERST       | NH             | 03031             |                              | 0 603-889-8311              | Dick Belanger                                 |  |   |                                | Left message with Dick Belanger  |
| 002035000 | 123 RTE 101A             | AMHERST       | NH             | 03031             | C/O KEYPOINT PARTNERS LLC    |                             |   |  |   |                                |  |
| 002037000 | 120 RTE 101A             | AMHERST       | NH             | 03031             | GULL GROUP SEASONAL SQUARE   |                             |   |  |   |                                |  |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID | Property Address   | Property City | Property State | Property Zip code | Owner/Grantee                        | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices  | Current Vendor      | Costs                       | Notes   |
|-----------|--------------------|---------------|----------------|-------------------|--------------------------------------|-----------------------------|---|--|---------------------|-----------------------------|---|
| 002042000 | 116 RTE 101A       | AMHERST       | NH             | 03031             |                                      | 0 603-673-2040              | Joe Shea                                      |  |                     |                             | Left message with Gary Trembly. said to call Joe Shea at rte. 161 Rte. 101A. he handles the maintenance                           |
| 002042001 | 112 RTE 101A       | AMHERST       | NH             | 03031             | DAY, NANCY                           | 603-889-1232                |   |  |                     |                             | Kept ringing; no answering machine  |
| 002042002 | 114 RTE 101A       | AMHERST       | NH             | 03031             | CRAWFORD DIANE                       | 603-882-2600                |   |  |                     |                             | Left message  |
| 002043006 | 108 RTE 101A       | AMHERST       | NH             | 03031             | WOODBINE GROUP REALTY TRUST          | 508-697-6128                |   |  |                     |                             | No one picked up and no answering machine   |
| 002043007 | 2 PAULS WAY        | AMHERST       | NH             | 03031             | YEUNG JENNIE                         |                             |   |  |                     |                             |   |
| 002044000 | 110 RTE 101A       | AMHERST       | NH             | 03031             |                                      | 0 603-883-2221              |   |  |                     |                             | Call back later, busy with customers, wasn't interested to answer questions   |
| 002045000 | 123 RTE 101A       | AMHERST       | NH             | 03031             | C/O KEYPOINT PARTNERS LLC            |                             |   |  |                     |                             |   |
| 002046001 | 107 RTE 101A       | AMHERST       | NH             | 03031             |                                      | 0 603-881-9447              | Corporate Offices                             | They do sweeping once a year after snow melts  | Safety Cleaners     | Unknown                     | They don't sand property  |
| 002046005 | 6 CALDWELL DR      | AMHERST       | NH             | 03031             |                                      | 0 603-883-2188              |   | Sweep every spring after snow melts  | Maguire Landscaping | Free, partnership with them |   |
| 002046008 | 111 RTE 101A       | AMHERST       | NH             | 03031             | HAJJAR, RICHARD F                    | 603-889-3100                |   |  |                     |                             | They don't do any parking lot maintenance   |
| 002047001 | 102 RTE 101A       | AMHERST       | NH             | 03031             |                                      | 0 603-883-2376              | Conrad  | No catch basins within property, some right on the edge of the property, mentioned one was completely full | Unsure about vendor | Unknown                     | Talked to someone at Charlie's auto service, but contact Conrad is at Elm Realty Trust at 98 Rte. 101A, Amherst, NH for more info |
| 002047002 | 104 RTE 101A       | AMHERST       | NH             | 03031             |                                      | 0 603-886-0866              |   |  |                     |                             | Hung-up   |
| 002048000 | 105 RTE 101A (A)   | AMHERST       | NH             | 03031             | ANDREA ELLEN STEFAN LIV TRUST        |                             |   |  |                     |                             |   |
| 002050000 | 105 RTE 101A       | AMHERST       | NH             | 03031             |                                      | 0                           |   |  |                     |                             |   |
| 002051000 | 103 RTE 101A       | AMHERST       | NH             | 03031             | AETOS REALTY TRUST                   |                             |   |  |                     |                             |   |
| 002052000 | 101 RTE 101A       | AMHERST       | NH             | 03031             | CHAN ROSA                            |                             |   |  |                     |                             |   |
| 002057000 | 95 RTE 101A        | AMHERST       | NH             | 03031             | SAMUEL A TAMPOSI 1992 TRUST 1992     |                             |   |  |                     |                             |   |
| 002061000 | 90 RTE 101A        | AMHERST       | NH             | 03031             | WARD TRUSTEE KYLA A                  | 603-672-3647                |   |  |                     |                             | Left message with general voice mail  |
| 002063000 | 88 RTE 101A        | AMHERST       | NH             | 03031             | ROBERT BOLES STEVEN MARR             | 866-296-2504                |   |  |                     |                             | Need phone number for specific Car Center   |
| 002064000 | 86 RTE 101A        | AMHERST       | NH             | 03031             |                                      | 0 603-769-4538              |   |  |                     |                             | Hung-up   |
| 002065000 | 84 RTE 101A        | AMHERST       | NH             | 03031             | CARLOS ANDRADE & MARIA ANDRADE FAMIL | 603-249-3306                |   |  |                     |                             | Said they were unable to help and couldn't give the contact of a anyone that could help   |
| 002066002 | 75 RTE 101A (& 73) | AMHERST       | NH             | 03031             |                                      | 0 603-768-3384              |   |  |                     |                             | Number not in service at 603-768-3384, couldn't find an additional number   |
| 002066004 | 3 NORTHERN BLVD    | AMHERST       | NH             | 03031             | C/O HIRSCH & CO                      | 603-672-3837                |   |  |                     |                             | Number not in service at 603-672-3837   |
| 002068000 | 80 RTE 101A        | AMHERST       | NH             | 03031             | MANAGEMENT                           | 978-667-7783                |   |  |                     |                             | Not interested in giving information and hung-up  |
| 002069000 | 78 RTE 101A        | AMHERST       | NH             | 03031             |                                      | 0 603-860-8712              |   |  |                     |                             | Number not in service at 603-860-8712   |
| 002070000 | 76 RTE 101A        | AMHERST       | NH             | 03031             |                                      | 0 603-424-1783              |   |  |                     |                             | No one picked up  |
| 002076000 | 74 RTE 101A        | AMHERST       | NH             | 03031             | REYNOLDS VICTORIA K                  | 603-673-4114                |   |  |                     |                             | Need to email still to get answers: email: info@consignmentgallery.com  |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID   | Property Address           | Property City | Property State | Property Zip code | Owner/Grantee              | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices  | Current Vendor           | Costs  | Notes  |
|-------------|----------------------------|---------------|----------------|-------------------|----------------------------|-----------------------------|---|--|--------------------------|--|--|
| 002077002   | 69 RTE 101A                | AMHERST       | NH             | 03031             |                            | 0 603-673-1440              |   | Mechanical Sweeping, every spring the parking lots are swept, manholes are cleaned out every other year because they weren't filling up within one year time | Silver Maple Landscaping | Unknown because price is lumped in with landscaping, there is an additional \$100 fee for manhole cleaning |  |
| 002080001   | 68 RTE 101A                | AMHERST       | NH             | 03031             | CARUSO JACQUELINE          | 603-672-8555                |   |  |                          |  | Left message   |
| 002081000   | 67 RTE 101A                | AMHERST       | NH             | 03031             |                            | 0 603- 672-1199             |   |  |                          |  | Left message with employee as was told manager would call back   |
| 002082000   | 65 RTE 101A                | AMHERST       | NH             | 03031             | ROBICHAUD PAUL             | 603-673-2724                |   |  |                          |  | No one picked up and there wasn't an answering machine   |
| 002083000   | 66 RTE 101A                | AMHERST       | NH             | 03031             |                            | 0 603-672-7505              |   | He sweeps it every 4 months, didn't tell me what he uses   |                          |  |  |
| 002084000   | 63 RTE 101A                | AMHERST       | NH             | 03031             |                            | 0                           |   |  |                          |  |  |
| 002086000   | 62 RTE 101A                | AMHERST       | NH             | 03031             | DANIEL B PRAWDZIK TRUSTEE  | 603-672-0894                |   |  |                          |  | Number not in service  |
| 002503000   | CALDWELL DR-COLONIAL SH MC | AMHERST       | NH             | 03031             | LOZIER GLORIA              |                             |   |  |                          |  |  |
| 012005000   | 3 CRAFTSMAN LN             | AMHERST       | NH             | 03031             |                            | 0                           |   |  |                          |  |  |
| 012006000   | 1 CRAFTSMAN LN             | AMHERST       | NH             | 03031             |                            | 0 603-577-8955              |   | Says that he sweeps the parking lot with a broom and bucket, does the sweeping on an as needs basis  | Himself                  |  |  |
| 012010000   | 141 RTE 101A               | AMHERST       | NH             | 03031             | C/O FOX FIRE MGMT          | (603)864-8374               |   |  |                          |  | Left message with machine at Dance Studio  |
| 012012000   | 135 RTE 101A               | AMHERST       | NH             | 03031             |                            | 0                           |   |  |                          |  |  |
| 012017000   | 130 RTE 101A               | AMHERST       | NH             | 03031             | LADEAU GEORGE J            | (603)880-6393               | Keith   |  |                          |  |  |
| 012018000   | 132 RTE 101A               | AMHERST       | NH             | 03031             |                            | 0 603-668-2221              | Dave at Facilities                            |  |                          |  | Called branch and was transferred to facilities department. Left message with Dave's voicemail                     |
| 012037000   | 134 RTE 101A               | AMHERST       | NH             | 03031             |                            | 0                           |   |  |                          |  |  |
| 012038000   | 136 RTE 101A               | AMHERST       | NH             | 03031             | BRUCE R MORRISON REV TRUST | 603-578-5820; 603-880-6671  |   |  |                          |  | Left message at Argosy Group's general machine   |
| 012039000   | 138 RTE 101A               | AMHERST       | NH             | 03031             |                            | 0 603-577-9137              | Call Maintenance Dept. extension              |  |                          |  | Talked to manager at the Amherst branch and she gave me maintenance contact  |
| 012040000   | 2 CRAFTSMAN LN             | AMHERST       | NH             | 03031             | APRIL KAPLAN REV TRUST     | 603-886-0886                |   |  |                          |  | busy signal  |
| 012041000   | 4 CRAFTSMAN LN             | AMHERST       | NH             | 03031             | C/O PATRICK MITCHELL       | 603-886-7982                |   |  |                          |  | No answer at phone number  |
| 2A000090000 | 517 SEAVERNS BRIDGE RD     | MERRIMACK     | NH             | 03054             | PO BOX 606                 | 603-595-0955                | Patrick Machol (unsure spelling of last name) |  |                          |  | Left message with Patrick Machol   |
| 2A000560000 | 522 BOSTON POST RD         | MERRIMACK     | NH             | 03054             | PO BOX 606                 |                             |   |  |                          |  |  |
| 2B000040000 | 708 MILFORD RD             | MERRIMACK     | NH             | 03054             | 708 MILFORD RD 101-A       | 603-880-4689                | Gayle   |  |                          |  | Left message and was told Gayle will call back   |
| 2B000040001 | 101A MILFORD RD            | MERRIMACK     | NH             | 03054             | 12 LEXINGTON ST            |                             |   |  |                          |  |  |
| 2B000060001 | A MILFORD RD               | MERRIMACK     | NH             | 03054             | 734 A MILFORD RD           |                             |   |  |                          |  |  |
| 3C000390000 | 81 CAMP SARGENT RD         | MERRIMACK     | NH             | 03054             | 2 GREENS POND RD           |                             |   |  |                          |  |  |
| 3C001910004 | COMMERCE DR                | MERRIMACK     | NH             | 03054             |                            | 0                           |   |  |                          |  |  |
| 2B003600000 | 709 MILFORD RD             | MERRIMACK     | NH             | 03054             | 1 NEWBURY STREET 2ND FLR   |                             |   |  |                          |  |  |
| 3C001910000 | 1 SPARTAN WY               | MERRIMACK     | NH             | 03054             | 82 DEVONSHIRE ST F4C       | 603-913-2630                | Maintenance Dept. 603-791-5000                |  |                          |  | Transferred to Maintenance Dept., let ring for a while, but no one picked up and there wasn't an answering machine |
| 2D000060000 | 130 DW HIGHWAY             | MERRIMACK     | NH             | 03054             | PO BOX 511                 | 603-882-2061                |   |  |                          |  | No answering machine, no one picked up   |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID   | Property Address       | Property City | Property State | Property Zip code | Owner/Grantee            | Owner/Property Phone Number | Maintenance Contact (if different from Owner)                   | Current Maintenance Practices                                    | Current Vendor  | Costs   | Notes  |
|-------------|------------------------|---------------|----------------|-------------------|--------------------------|-----------------------------|---|--|---|---------|--|
| 2C001130000 | 2 CONTRA WY            | MERRIMACK     | NH             | 03054             | 82 DEVONSHIRE ST F4C     | 800-343-3548                |   |  |   |         | Assuming same as 1 Spartan Way, Merrimack, NH property   |
| 2D000040003 | 21 MANCHESTER ST       | MERRIMACK     | NH             | 03054             | 890 WINTER ST SUITE 175  | 603-204-5447                |   |  |   |         | Left message on company machine  |
| 2B003580000 | 228 NATICOOK RD        | MERRIMACK     | NH             | 03054             | 228 NATICOOK RD          | 603-880-7499                | John  |  |   |         | Left message on company machine, called back and said John would call later on in the week   |
| 2A000050000 | 25 CRAFTSMAN LN        | MERRIMACK     | NH             | 03054             | 25 CRAFTSMAN LN          | 603-598-2697                |   |  |   |         | Left message on company machine  |
| 3C000400000 | 40 CONTINENTAL BV      | MERRIMACK     | NH             | 03054             | 5 WENTWORTH DR           | 603-880-1433                | Dan Joyal (unsure of spelling)                                  |  |   |         | Left message with Dan Joyal, same number, transferred internally   |
| 2D000350000 | 7 WEBB DR              | MERRIMACK     | NH             | 03054             | 7 WEBB DR                |                             |   |  |   |         |  |
| 2D000370000 | 70 DW HIGHWAY          | MERRIMACK     | NH             | 03054             | 102 PEELE RD             | 603-943-7051                |   | They currently do not sweep and they put hay around catch basins | N/A   |         | They said they would be willing to do anything if needed, but didn't seem keen on spending any additional money                        |
| 2B000010000 | 704 MILFORD RD         | MERRIMACK     | NH             | 03054             | 601 SMITHFIELD RD        |                             |   |  |   |         |  |
| 2B000040002 | 706 MILFORD RD         | MERRIMACK     | NH             | 03054             | 122 MAIN ST #2           | 603-864-8324                | Corporate Office in Florida handles the parking lot maintenance |  |   |         |  |
| 2B000030000 | 710 MILFORD RD         | MERRIMACK     | NH             | 03054             | 2 COTE PLACE STE 5       | 603-625-1517                |   |  |   |         | Both offices told me to call the other office  |
| 2B000310000 | 717 MILFORD RD         | MERRIMACK     | NH             | 03054             | 1662 ELM ST STE 100      | 603-578-9400                | Steve   |  |   |         | Left message with Steve at Manchester store  |
| 2B000300000 | 721 MILFORD RD         | MERRIMACK     | NH             | 03054             | PO BOX 105842            | 603-882-5522                | Bob   | Swept every night, catch basins are cleaned out once a year      | Use vendor but unsure of who                            | unknown |  |
| 2B000060000 | 730 MILFORD RD         | MERRIMACK     | NH             | 03054             | 730 MILFORD RD           | 603-355-6005                | Transferred to facilities                                       | unknown  | Morin's Landscaping                                     | unknown | Have contract with Morin's landscaping and they handle everything on the property  |
| 2B000080000 | 736 MILFORD RD         | MERRIMACK     | NH             | 03054             | 736 MILFORD RD, RT 101A  | 603-883-7111                |   |  |   |         | Kept ringing no answering machine  |
| 3C000400001 | 80 CONTINENTAL BV      | MERRIMACK     | NH             | 03054             | 32 PRESCOTT DR           | 603-424-8544                |   |  |   |         | Didn't know information or person to contact   |
| 2D000340000 | 9 WEBB DR              | MERRIMACK     | NH             | 03054             | PO BOX 956               | 603-889-5825                | Webb Drive Associates   |  |   |         | Talked to Becky at Merrimack Auto Center and she said that Webb Associates handles parking lot maintenance, but didn't know the number |
| 2D000040000 | 6 MANCHESTER ST        | MERRIMACK     | NH             | 03054             | 6 MANCHESTER ST.         | 603-880-8308                |   | No parking lot maintenance at this site                          | N/A   |         |  |
| 047-044-000 | 295 SOUTH MERRIMACK RD | HOLLIS        | NH             | 03049             |                          | 603-249-5615                |   |  |   |         |  |
| 0000H-00142 | 1 CELLU DR             | NASHUA        | NH             | 03063             | ONE LIBERTY SQUARE       | 617-542-6818                |   |  |   |         | Left message with company machine  |
| 0000G-00099 | 1 COTTON RD            | NASHUA        | NH             | 03063             | 20 TAFALGAR SQ SUITE 602 | 603-883-2000                |   | Swept annually and catch basins are cleaned annually             | Bellmore cleans catch basins, FB hail does the sweeping |         |  |
| 0000H-00158 | 10 CAPITOL ST          | NASHUA        | NH             | 03063             | 278 COURT STREET         | 603-889-1665                |   |  |   |         | No one picked up; no answering machine   |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID        | Property Address      | Property City | Property State | Property Zip code | Owner/Grantee                  | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices   | Current Vendor   | Costs   | Notes  |
|------------------|-----------------------|---------------|----------------|-------------------|--------------------------------|-----------------------------|---|---|--|---|--|
| 0000G-00001      | 10 COTTON RD          | NASHUA        | NH             | 03063             | 8 EDSON ST                     | 603-882-2021                |   | every few years catch basins are cleaned (as need basis), swept once a year   | Use same vendor for all of the outside maintenance (landscaping, plowing, sweeping)  |   | Alerted recently had catch basins cleaned  |
| 0000H-00171      | 10 STATE ST           | NASHUA        | NH             | 03063             | 20 TRAFALGAR SQ STE 602        | 603-883-2000                |   | Swept annually and catch basins are cleaned annually  | Bellmore cleans catch basins, FB hail does the sweeping  |   |  |
| 0000H-00634      | 100 NORTHWEST BLVD    | NASHUA        | NH             | 03063             | 100 NORTHWEST BLVD             | 603-595-0700                |   | Swept and catch basins cleaned annually at the beginning of the year after the snow melts   | Did not disclose name  | Costs lumped with other lawn care services , all together about 9,000-10,000 a year |  |
| 0000I-00038      | 11 NORTHWEST BLVD     | NASHUA        | NH             | 03063             | PO BOX 29046                   | 603-882-6312                |   | No catch basins and sweeps the parking lot with a push broom on an as need basis  |  |   |  |
| 0000G-00483      | 11 TRAFALGAR SQ       | NASHUA        | NH             | 03063             | %ROBIE PROP LLC 175 ANDOVER ST |                             |   |   |  |   |  |
| 0000I-00036      | 14 CELINA AVE         | NASHUA        | NH             | 03063             | 40 TEMPLE ST                   | 603-880-3703                |   |   |  |   | # not in service (603-880-3703)  |
| 0000G-00019      | 15 NORTH SOUTHWOOD DR | NASHUA        | NH             | 03063             | 15 N SOUTHWOOD DR              | 603-595-5257                |   |   |  |   | Left message on company's answering machine  |
| 0000I-00035      | 15 NORTHWEST BLVD     | NASHUA        | NH             | 03063             | 15 NORTHWEST BLVD              | 603-889-7002                | Tom   |   |  |   | Tom was on vacation and was told that he would call back   |
| 0000G-00654-2-15 | 15 TRAFALGAR SQ       | NASHUA        | NH             | 03063             | PO BOX 4900 DEPT 207           |                             |   |   |  |   |  |
| 0000I-00043      | 16 CELINA AVE         | NASHUA        | NH             | 03063             | 40 TEMPLE ST                   | 603-889-3300                |   |   |  |   | Number 603-889-3300 not for Celina Ave, not sure of who to call  |
| 0000G-00590      | 1600 SOUTHWOOD DR     | NASHUA        | NH             | 03063             | PO BOX 25025                   | 603-821-4936                |   |   |  |   | Go online to ask question  |
| 0000G-00557      | 1617 SOUTHWOOD DR     | NASHUA        | NH             | 03063             | 1601 WASHINGTON AVE STE 700    |                             |   |   |  |   |  |
| 0000I-00034      | 18 CELINA AVE         | NASHUA        | NH             | 03063             | 20 TRAFALGAR SQ U-602          | 603-883-2000                |   | Swept annually and catch basins are cleaned annually  | Bellmore cleans catch basins, FB hail does the sweeping  |   |  |
| 0000G-00492      | 2 SOMERSET PKWY       | NASHUA        | NH             | 03063             | 2 SOMERSET PKWY                | 603-886-1200                | Jean Browder                                  | Annual sweeping and catch basins cleaned on an as needs basis   |  |   |  |
| 0000H-00294-7    | 2 TOWNSEND WEST U-7   | NASHUA        | NH             | 03063             | 211 NATICOOK RD                |                             |   |   |  |   |  |
| 0000G-00063      | 20 COTTON RD          | NASHUA        | NH             | 03063             | 20 COTTON RD #200              | 603-889-0318                | Eric Jackson                                  | Parking lot is swept annually and catch basins are cleaned as needed, typically every 2-3 years   | Third party vendors perform the services and thy are priced at market rates every year. Unwilling to disclose names of vendors. They put the project out to bid. |   | Left message on general voicemail, got call back from Eric Jackson, sent email back regarding questions, and received response via email |
| 0000G-00555      | 2000 SOUTHWOOD DR     | NASHUA        | NH             | 03063             | POB 49550 P/T 1087             | 603-577-9900                |   |   |  |   | Left message and was told manager would call back  |
| 0000H-00484      | 22 COTTON RD          | NASHUA        | NH             | 03063             | PO BOX 4900 DEPT 207           |                             |   |   |  |   |  |
| 0000G-00556      | 2200 SOUTHWOOD DR     | NASHUA        | NH             | 03063             | PO BOX 579                     | 603-880-9100                | Bob from Engineering                          | Spring and Fall clean-up, blowers and Billy goat, to his knowledge they don't use truck sweeper, don't use sand in the winter, to his knowledge catch basins haven't been touched | Landscaping contract   | Unsure because of overall contract  | Landscaping contract, landscaper comes in once a week, Called number and was transferred internally                                      |
| 0000I-00033      | 22-44 NORTHWEST BLVD  | NASHUA        | NH             | 03063             | 875 EAST ST                    | 603-882-9173                | Normand Martin                                |   |  |   | Left message with secretary  |
| 0000H-00145      | 23 DUMAINE AVE        | NASHUA        | NH             | 03063             | 928 W CHESTNUT ST              | 603-881-4444                |   |   |  |   | They lease the building, unsure what number to call for parking lot maintenance  |
| 0052-00118       | 233 MANCHESTER ST     | NASHUA        | NH             | 03063             | 25 MANCHESTER ST PO BOX 1947   | 603-882-5191                |   |   |  |   |  |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID       | Property Address     | Property City | Property State | Property Zip code | Owner/Grantee               | Owner/Property Phone Number | Maintenance Contact (if different from Owner)   | Current Maintenance Practices   | Current Vendor  | Costs                                 | Notes   |
|-----------------|----------------------|---------------|----------------|-------------------|-----------------------------|-----------------------------|---|---|---|---------------------------------------|---|
| 0000G-00004     | 27 AIRPORT RD        | NASHUA        | NH             | 03063             | 27 AIRPORT RD               | 603-883-5531                |   |   |   |                                       | Left message with Gary Gerard   |
| 0000H-00117     | 27 DUMAINE AVE       | NASHUA        | NH             | 03063             | 91 MASON ROAD               |                             |   |   |   |                                       |   |
| 0000I-00042     | 29 NORTHWEST BLVD    | NASHUA        | NH             | 03063             | 8 PROSPECT ST               | 603-689-2400                | Engineering Dept  |   |   |                                       | Left message on engineering department's voicemail  |
| 0000H-00173     | 3 CAPITOL ST         | NASHUA        | NH             | 03063             | 27 AIRPORT RD               | 603-883-5531                |   |   |   |                                       | Left message with Gary Gerard   |
| 0000G-00453     | 3 COTTON RD          | NASHUA        | NH             | 03063             | PO BOX 182571               | 603-598-4475                |   | Swept annually and catch basins are cleaned annually  | Bellmore cleans catch basins, FB hail does the sweeping   |                                       |   |
| 0000G-00596     | 3 NORTH SOUTHWOOD DR | NASHUA        | NH             | 03063             | PO BOX 483 HAZEN DR         |                             |   |   |   |                                       |   |
| 0000H-00180     | 34 CELLU DR          | NASHUA        | NH             | 03063             | 3 EAST SPIT BROOK ROAD      | 603-888-5443                | Jeff Gagnon (Unsure of last name spelling), Jeff called back and said to contact Ray Rowell |   |   |                                       | Was told to call Ray Rowell at 603-921-0513, he is the facilities manager, called and left message  |
| 0000G-00026     | 369 AMHERST ST       | NASHUA        | NH             | 03063             | 201 VINTAGE CT              | 603-882-6931                | John Ferrera (Manager)  | The parking lot is swept 2 a year in the spring and fall. Catch basin between their property and 7Eleven not sure whose property its on. It was cleaned out a couple years ago. Catch basins are cleaned on an as need basis. | Yard Medic/Lawn Medic (Lawn service) They perform the sweeping and the catch basin cleaning is handled by the maintenance department. | Lumped with other maintenance, unsure | Left message with employee as was told manager would call back  |
| 0000G-00093     | 370 AMHERST ST       | NASHUA        | NH             | 03063             | PO BOX 330                  | 603-882-5894                |   |   |   |                                       | Emailed Corporate Communications at <a href="https://www.psnh.com/Forms/Contact-PSNH-Corporate-Communications.aspx">https://www.psnh.com/Forms/Contact-PSNH-Corporate-Communications.aspx</a> |
| 0000G-00398     | 375 AMHERST ST       | NASHUA        | NH             | 03063             | 875 EAST ST                 | 603-595-6339                | Normand Martin  |   |   |                                       | Left message with secretary   |
| 0000G-00527     | 379 AMHERST ST       | NASHUA        | NH             | 03063             | 875 EAST ST                 |                             | Normand Martin  |   |   |                                       | Left message with secretary   |
| 0000H-00174-L-4 | 4 CAPITOL ST         | NASHUA        | NH             | 03063             | 27 AIRPORT RD               | 603-883-5531                |   |   |   |                                       | Left message with Gary Gerard   |
| 0000I-00044     | 4 NORTHWEST BLVD     | NASHUA        | NH             | 03063             | 875 EAST ST                 | 603-577-5014                | Normand Martin  |   |   |                                       | Left message with secretary   |
| 0000H-00168     | 4 STATE ST           | NASHUA        | NH             | 03063             | 4 STATE ST                  |                             |   |   |   |                                       |   |
| 0000H-00296     | 4 TOWNSEND WEST      | NASHUA        | NH             | 03063             | 20 TRAFALGAR SQUARE STE 602 | 603-883-2000                |   | Swept annually and catch basins are cleaned annually  | Bellmore cleans catch basins, FB hail does the sweeping   |                                       |   |
| 0000G-00477     | 4 TRAFALGAR SQ       | NASHUA        | NH             | 03063             | 125 NORTHEASTERN BLVD       | 603-882-3126                |   |   |   |                                       | Called 603-882-3126 and talked to Cassi Stellos and was told they do not own 4 Trafalgar sq. Unsure because assessor database says otherwise.   |
| 0000G-00450     | 400 AMHERST ST       | NASHUA        | NH             | 03063             | 400 AMHERST ST STE 202      |                             |   |   |   |                                       |   |
| 0000G-00002     | 402 AMHERST ST       | NASHUA        | NH             | 03063             | 400 AMHERST ST STE 202      |                             |   |   |   |                                       |   |
| 0000G-00594     | 406 AMHERST ST       | NASHUA        | NH             | 03063             | PO BOX 668                  | 603-595-7244                |   | Was told employees sweep the parking lot manually, don't use machines   | Don't use a vendor  |                                       | Talked with the general manager   |
| 0000H-00469     | 407 AMHERST ST       | NASHUA        | NH             | 03063             | 300 FORE ST U-1A            | 603-883-5334                |   |   |   |                                       | Called hotel and they didn't have any suggestions as to who to talk to. Said they didn't know of any parking lot maintenance practices.   |
| 0000H-00038     | 410 AMHERST ST       | NASHUA        | NH             | 03063             | PO BOX 4900 DEPT 207        |                             |   |   |   |                                       |   |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID   | Property Address   | Property City | Property State | Property Zip code | Owner/Grantee        | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices  | Current Vendor   | Costs   | Notes  |
|-------------|--------------------|---------------|----------------|-------------------|----------------------|-----------------------------|---|--|------------------|---|--|
| 0000H-00036 | 417 AMHERST ST     | NASHUA        | NH             | 03063             | PO BOX 409           | 603-882-5320                |   |  |                  |   | Number not in service  |
| 0000H-00131 | 419 AMHERST ST     | NASHUA        | NH             | 03063             | 74 GILCREAST RD      | 603-434-9500                |   |  |                  |   | Called Forman Corcoran Clark & Associates at Londonderry address and was told they don't own the 419 and 421 property. Unsure of who to call.                                    |
| 0000H-00485 | 420 AMHERST ST     | NASHUA        | NH             | 03063             | 25 ORCHARD VIEW DR   |                             |   |  |                  |   |  |
| 0000H-00155 | 421 AMHERST ST     | NASHUA        | NH             | 03063             | 74 GILCREAST RD      | 603-434-9500                |   |  |                  |   | Called Forman Corcoran Clark & Associates at Londonderry address and was told they don't own the 419 and 421 property. Unsure of who to call.                                    |
| 0000H-00157 | 427-429 AMHERST ST | NASHUA        | NH             | 03063             | 8 WANDA LANE         | 603-864-8539                |   |  |                  |   | Was told that the parking lot is heavily sloped and drains right into the road so currently no maintenance is being done with regards to street sweeping or catch basin cleaning |
| 0000H-00040 | 431 AMHERST ST     | NASHUA        | NH             | 03063             | 431 AMHERST ST       | 603-557-1729                |   |  |                  |   | Number not in service  |
| 0000H-00056 | 433 AMHERST ST     | NASHUA        | NH             | 03063             | 433 AMHERST STREET   | 603-889-2242                |   |  |                  |   | Called but no one picked up  |
| 0000H-00073 | 436 AMHERST ST     | NASHUA        | NH             | 03063             | 607 NORTH AVE NO 14A | 781-246-5600                |   |  |                  |   | Left message on company voicemail  |
| 0000H-00062 | 440 AMHERST ST     | NASHUA        | NH             | 03063             | 7 PROSPECT ST        | 603-889-6147                | Dale  | Has a landscaping contract, parking lot is swept every 60 days and yearly contract for catch basins  | Keeping it Green | Unsure of specific costs because they are lumped together with lawn and snow care |  |
| 0000H-00291 | 441 AMHERST ST     | NASHUA        | NH             | 03063             | 33 HOBBS RD          | 603-595-2679                |   |  |                  |   | Called FedEx and was told landlord deals with parking lot maintenance, but he was unwilling to give me   |
| 0000H-00299 | 443 AMHERST ST     | NASHUA        | NH             | 03063             | 33 HOBBS RD          | 603-595-2679                |   |  |                  |   | Left message on company voicemail  |
| 0000H-00044 | 444 AMHERST ST     | NASHUA        | NH             | 03063             | 205 SUMMER AVE       | 508-374-0371                |   |  |                  |   |  |
| 0000H-00035 | 449 AMHERST ST     | NASHUA        | NH             | 03063             | 470 WASHINGTON ST    | 617-787-2008                |   | Sweeping and catch basins are cleaned on an as needs basis, to his knowledge they don't use machines for the sweeping. Property is 6-8 yrs old and they haven't been cleaned since he started working there. Catch basins will be cleaned on an as needed basis. |                  |   | Was told there is a maintenance guy on site that alerts Hera Development of street sweeping and catch basin needs  |
| 0000H-00487 | 450 AMHERST ST     | NASHUA        | NH             | 03063             | 273 PRESUMPCOT ST    | 603-889-4080                |   |  |                  |   | Called Portland glass of Nashua and they were unsure of who to contact, maybe corporate headquarters   |
| 0000H-00143 | 452 AMHERST ST     | NASHUA        | NH             | 03063             | 452 AMHERST ST       | 603-889-5871                |   |  |                  |   | Was told landscapers handle the parking lot and he was unaware of what they do   |
| 0000H-00415 | 455 AMHERST ST     | NASHUA        | NH             | 03063             | 455 AMHERST ST       | 603-595-7727                |   | Zero parking lot maintenance at this location  |                  |   |  |



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| Parcel ID   | Property Address | Property City | Property State | Property Zip code | Owner/Grantee                 | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices  | Current Vendor  | Costs                 | Notes   |
|-------------|------------------|---------------|----------------|-------------------|-------------------------------|-----------------------------|---|--|---|-----------------------|---|
| 0000H-00293 | 460 AMHERST ST   | NASHUA        | NH             | 03063             | 29 MILL ST                    | 781-648-5350                |   | Catch basins are cleaned once or twice a year as needed, swept in April unsure of machinery  | Sweeping done by Morin's landscaping                    | Unwilling to disclose |   |
| 0000H-00033 | 471 AMHERST ST   | NASHUA        | NH             | 03063             | 471 AMHERST ST                | 603-880-6566                |   |  |   |                       | Unsure of who to contact  |
| 0000H-00136 | 472 AMHERST ST   | NASHUA        | NH             | 03063             | PO BOX 4900 DEPT 207          |                             |   |  |   |                       |   |
| 0000H-00382 | 475 AMHERST ST   | NASHUA        | NH             | 03063             | 535 MARRIOTT DR               | 603-821-9312                |   |  |   |                       | Left message with corporate office machine  |
| 0000H-00116 | 476 AMHERST ST   | NASHUA        | NH             | 03063             | 90 RUMFORD AVE                | 781-893-6777                |   |  |   |                       | Left message on answering machine   |
| 0000H-00075 | 482 AMHERST ST   | NASHUA        | NH             | 03063             | 482 AMHERST ST                | 877-583-4149                | Joe Mitchell                                  |  |   |                       | Left message with Joe Mitchell's voicemail  |
| 0000H-00521 | 483 AMHERST ST   | NASHUA        | NH             | 03063             | 27 MICA LN STE 201            | 603-886-1313                |   |  |   |                       | <u>Emailed:</u><br><a href="mailto:maintenance@riversideprop.com">maintenance@riversideprop.com</a>   |
| 0000H-00112 | 485 AMHERST ST   | NASHUA        | NH             | 03063             | 125 JERICO TURNPIKE SUITE 103 | 516-478-5400                |   |  |   |                       | Called 516-478-5400 and was told to contact the property owner at each specific location, left message  |
| 0000H-00022 | 486 AMHERST ST   | NASHUA        | NH             | 03063             | 20 TRAFALGAR SQ STE 602       | 603-883-2000                |   | Swept annually and catch basins are cleaned annually   | Bellmore cleans catch basins, FB hail does the sweeping |                       |   |
| 0000H-00176 | 487 AMHERST ST   | NASHUA        | NH             | 03063             | 487 AMHERST ST                | 603-886-4211                |   |  |   |                       | No one answered and there wasn't a machine  |
| 0000H-00292 | 488 AMHERST ST   | NASHUA        | NH             | 03063             | PO BOX 14115                  | 603-880-1969                | Shawna  | Leaf and other debris is picked up weekly by landscapers off of the parking lot and lawns, with blowers. Catch basins are checked and cleaned on as need basis. Also have a vendor to handle snow removal. | Landscaping contract                                    |                       |   |
| 0000H-00122 | 491 AMHERST ST   | NASHUA        | NH             | 03063             | 491 AMHERST ST STE 22         | 603-889-7188                |   |  |   |                       | Called Kelley Christopher W Law Office and was told they rent the property and are not responsible for parking lot maintenance, 603-889-7188  |
| 0000H-00166 | 493 AMHERST ST   | NASHUA        | NH             | 03063             | 500 Clark Rd                  |                             |   |  |   |                       |   |
| 0000H-00159 | 494 AMHERST ST   | NASHUA        | NH             | 03063             | 323 MANLEY ST                 | 508-586-8456                |   |  |   |                       | Talked to Brian McLaughlin and was told parking lot maintenance is handled by the tenant. Could try the D'Angelos at 494 Amherst street but most likely is handled by Papa Ginos corporate. |
| 0000H-00163 | 495 AMHERST ST   | NASHUA        | NH             | 03063             | 500 Clark Rd                  | 603-882-8454                |   |  |   |                       |   |
| 0000H-00074 | 496 AMHERST ST   | NASHUA        | NH             | 03063             | 2711 N HASKELL AVE            | 603-889-1427                | Construction and Facilities Department        |  |   |                       | Call corporate Construction and Facilities Department   |
| 0000H-00175 | 5 STATE ST       | NASHUA        | NH             | 03063             | 2025 WOODBURY AVE             |                             |   |  |   |                       |   |
| 0000H-00124 | 500 AMHERST ST   | NASHUA        | NH             | 03063             | 101 N TRYON ST NC10010381     | 800-432-1000                |   |  |   |                       | Lines were busy   |
| 0000H-00060 | 504 AMHERST ST   | NASHUA        | NH             | 03063             | 54 JACONNET ST                | 671-831-4120                |   |  |   |                       | Number not in service   |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID   | Property Address | Property City | Property State | Property Zip code | Owner/Grantee               | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices  | Current Vendor  | Costs | Notes  |
|-------------|------------------|---------------|----------------|-------------------|-----------------------------|-----------------------------|---|--|---|-------|--|
| 0000H-00571 | 512 AMHERST ST   | NASHUA        | NH             | 03063             | 1271 MAIN ST                | 603-882-8868                | Bill  | Brian said parking lot to his knowledge was never swept and catch basins were never cleaned  |   |       | Was told to call the Nashua office directly, left message with Brian and was told Bill the manager would call back               |
| 0000H-00089 | 518 AMHERST ST   | NASHUA        | NH             | 03063             | 25 ORCHARD DRIVE            | 603-880-1411                | Brendan                                       | Landscape New Hampshire takes care of cleaning up the parking lot, no formal sweeping, and there aren't any catch basins on the property |   |       |  |
| 0000H-00167 | 520 AMHERST ST   | NASHUA        | NH             | 03063             | 91 AMHERST ST               | 603-886-9129                |   | Swept by hand as needed, no catch basins   |   |       |  |
| 0000H-00020 | 522 AMHERST ST   | NASHUA        | NH             | 03063             | 91 AMHERST ST               | 603-882-6026                |   |  |   |       | Number not in service  |
| 0000H-00139 | 531 AMHERST ST   | NASHUA        | NH             | 03063             | 51 DUPAW GOULD ROAD         | 603-889-4146                | Dave Pastor                                   |  |   |       | Left message on Dave Pastor's voicemail  |
| 0000H-00088 | 539 AMHERST ST   | NASHUA        | NH             | 03063             | 1 AYER RD                   |                             |   |  |   |       |  |
| 0000H-00048 | 542 AMHERST ST   | NASHUA        | NH             | 03063             | 20 TRAFALGAR SQ STE 602     | 603-883-2000                |   | Swept annually and catch basins are cleaned annually   | Bellmore cleans catch basins, FB Hale does the sweeping |       |  |
| 0000H-00129 | 543 AMHERST ST   | NASHUA        | NH             | 03063             | 143 TOPSFIELD RD            | 978-468-7393                |   |  |   |       | Left message on company voicemail  |
| 0000H-00178 | 546 AMHERST ST   | NASHUA        | NH             | 03063             | 2500 N RIVER RD             |                             |   |  |   |       |  |
| 0000H-00047 | 547 AMHERST ST   | NASHUA        | NH             | 03063             | 607 NORTH AVE NO 14A        | 781-246-5600                | Ann (Maintenance Dept.)                       | Landscaping company handles the debris on the parking lot, not sure how frequently, catch basins are cleaned out once a year             | Bellmore Catch Basin Maintenance                        |       |  |
| 0000H-00646 | 550 AMHERST ST   | NASHUA        | NH             | 03063             | ONE BURLINGTON WOODS DRIVE  | 603-595-3373                |   |  |   |       | Called store and was told that corporate office handles the property maintenance, need to leave an email message through website |
| 0000H-00050 | 561 AMHERST ST   | NASHUA        | NH             | 03063             | 561 AMHERST ST              | 603-886-2867                |   |  |   |       | Called and was sent directly to voicemail  |
| 0000H-00626 | 575 AMHERST ST   | NASHUA        | NH             | 03063             | 575 AMHERST STREET          | 603-889-2153                |   |  |   |       | No longer located in Nashua, company is currently in Wisconsin   |
| 0000H-00637 | 580 AMHERST ST   | NASHUA        | NH             | 03063             | 580 AMHERST ST              | 603-595-7293                |   |  |   |       | Target handles the parking lot   |
| 0000H-00627 | 581 AMHERST ST   | NASHUA        | NH             | 03063             | 579 AMHERST ST              | 603-889-0161                |   |  |   |       | Kept ringing no voicemail  |
| 0000H-00636 | 590 AMHERST ST   | NASHUA        | NH             | 03063             | 610 NORTH WYMORE ROAD U-200 | 603-821-6021                |   |  |   |       | Target handles the parking lot, left message with operator at target and was told that they would call back                      |
| 0000H-00107 | 593 AMHERST ST   | NASHUA        | NH             | 03063             | 100 CHARLES PARK RD         | 603-886-1693                |   |  |   |       | Need new number, not in service  |
| 0000I-00570 | 6 NORTHWEST BLVD | NASHUA        | NH             | 03063             | 875 EAST ST                 | 978-851-8000                |   |  |   |       | Number was not in service and also seemed to be for Market Basket, need new number   |
| 0000H-00169 | 6 STATE ST       | NASHUA        | NH             | 03063             | 35 ALSUN DR                 |                             |   |  |   |       |  |
| 0000H-00140 | 600 AMHERST ST   | NASHUA        | NH             | 03063             | PO BOX 9456                 | 603-324-0039                |   |  |   |       | Left message with operator and was told they would call back   |

Table B-1. Commercial and Industrial Property Maintenance Call Log

| Parcel ID   | Property Address    | Property City | Property State | Property Zip code | Owner/Grantee                 | Owner/Property Phone Number | Maintenance Contact (if different from Owner) | Current Maintenance Practices | Current Vendor | Costs | Notes  |
|-------------|---------------------|---------------|----------------|-------------------|-------------------------------|-----------------------------|---|-------------------------------|----------------|-------|--|
| 0000H-00105 | 607 AMHERST ST      | NASHUA        | NH             | 03063             | 10 GEORGE STREET              | 603-886-8860                | Matt  |                               |                |       | Left message with coworker and was told that Matt would call back                    |
| 0000I-00057 | 610 AMHERST ST      | NASHUA        | NH             | 03063             | PO BOX 802206                 | 603-578-0400                |   |                               |                |       | Called and was put on hold for over 5 minutes  |
| 0000H-00104 | 611 AMHERST ST      | NASHUA        | NH             | 03063             | 192 WORCESTER ROAD            | 603-883-1600                |   |                               |                |       | They rent the property and they were unsure of landlord's number                     |
| 0000H-00152 | 613 1/2 AMHERST ST  | NASHUA        | NH             | 03063             | 613 AMHERST ST                |                             |   |                               |                |       |  |
| 0000H-00135 | 613 AMHERST ST      | NASHUA        | NH             | 03063             | 613 AMHERST ST                |                             |   |                               |                |       |  |
| 0000I-00002 | 615 AMHERST ST      | NASHUA        | NH             | 03063             | 45 HIGH STREET                | 603-598-6660                |   |                               |                |       | Number no longer in service  |
| 0000I-00056 | 620 AMHERST ST      | NASHUA        | NH             | 03063             | 125 JERICO TURNPIKE SUITE 103 | 516-478-5400                |   |                               |                |       | Need to call property directly   |
| 0000I-00001 | 625 AMHERST ST      | NASHUA        | NH             | 03063             | 40 SAWYER POINT RD            |                             |   |                               |                |       |  |
| 0000I-00040 | 631 AMHERST ST      | NASHUA        | NH             | 03063             | 53 STILES RD STE A103         | 603-577-8706                |   |                               |                |       | Unsure of who to contact   |
| 0000I-00051 | 633 AMHERST ST      | NASHUA        | NH             | 03063             | ONE CVS DR                    | 603-880-6861                |   |                               |                |       | Was told to call corporate but not sure who to contact in corporate extension        |
| 0000I-00028 | 635 AMHERST ST      | NASHUA        | NH             | 03063             | 549 ROUTE 1 BYPASS            | 603-889-3030                |   |                               |                |       | Left message with secretary  |
| 0000I-00026 | 647 AMHERST ST      | NASHUA        | NH             | 03063             | 6 MANDINBARB CIR              | 603-889-6666                |   |                               |                |       | Called and no one picked up  |
| 0000I-00039 | 650 AMHERST ST      | NASHUA        | NH             | 03063             | 40 TEMPLE ST                  | 603-886-8420                |   |                               |                |       | They just rent and she didn't have number for the company that owns the property     |
| 0000H-00133 | 7 DEERWOOD DR       | NASHUA        | NH             | 03063             | 101 N TRYON ST NC10010381     |                             |   |                               |                |       |  |
| 0000H-00063 | 71 DEERWOOD DR      | NASHUA        | NH             | 03063             | 2601 S BAYSHORE DR 9TH FL     | 603-886-9085                |   |                               |                |       | Their corporate office in Oregon handles the property, not sure as to who to contact |
| 0000H-00097 | 8 CAPITOL ST        | NASHUA        | NH             | 03063             | 150 BAKER AVE EXT STE 303     | 603-880-0535                | David Pinch (Operations Manager)              |                               |                |       | Left message on David Pinch's voicemail  |
| 0000G-00087 | 8 COTTON RD ;33;40  | NASHUA        | NH             | 03063             | 150 BLACKSTONE RIVER RD       | 603-595-0438                |   |                               |                |       | Left message on answering machine  |
| 0000H-00170 | 8 STATE ST          | NASHUA        | NH             | 03063             | 91 AMHERST ST                 |                             |   |                               |                |       |  |
| 0000H-00639 | 8 TOWNSEND WEST     | NASHUA        | NH             | 03063             | GREENWOOD RIDGE RD PO BOX 417 | 603-594-2800                |   |                               |                |       | Left message with secretary  |
| 0000H-00576 | 80 NORTHWEST BLVD   | NASHUA        | NH             | 03063             | 80 NORTHWEST BLVD.            | 603-889-8899                |   |                               |                |       | Number not in service  |
| 0000I-00032 | 8-20 NORTHWEST BLVD | NASHUA        | NH             | 03063             | 875 EAST ST                   | 978-851-8000                | Normand Martin                                |                               |                |       | Left message with secretary  |
| 0000H-00633 | 85 NORTHWEST BLVD   | NASHUA        | NH             | 03063             | 20 TRAFALGAR SQ               |                             |   |                               |                |       |  |
| 0000H-00096 | 87 DEERWOOD DR      | NASHUA        | NH             | 03063             | 73 SEAVERNY BRIDGE RD         | 603-883-1667                |   |                               |                |       | hung up on me  |
| 0000H-00172 | 9 STATE ST          | NASHUA        | NH             | 03063             | 19 QUINCY AVE                 |                             |   |                               |                |       |  |
| 0000H-00297 | 9 TOWNSEND WEST     | NASHUA        | NH             | 03063             | 9 TOWNSEND WEST               | 877-239-8324                | Dave Murray                                   |                               |                |       | Left message on Dave Murray's voicemail  |
| 0000G-00478 | 9 TRAFALGAR SQ      | NASHUA        | NH             | 03063             | 175 ANDOVER ST                |                             |   |                               |                |       |  |
| 0000I-00047 | 91 FARLEY RD        | NASHUA        | NH             | 03063             | PO BOX 748                    |                             |   |                               |                |       |  |
| 0000I-00030 | 97 FARLEY RD        | NASHUA        | NH             | 03063             | 97 FARLEY RD                  | 603-889-0979                |   |                               |                |       | Left message on answering machine  |
| 0000H-00181 | 4 CELLU DR          | NASHUA        | NH             | 03063             | ONE BURLINGTON WOODS DRIVE    | 603-595-6460                | Melissa Hudson (Property Manager)             |                               |                |       | Left message with Melissa Hudson's voicemail   |

Table B-2. Vendor Call Log

| Vendor                                       | Services                                      | Equipment   | Clients   | Costs for Services                      | Requirements to Guarantee Best Rates  | Reduced Costs          | Address                                   | Phone Number   | Website   | Notes  |
|--|---|---|---|---|---|------------------------|---|--|---|--|
| Amric Power Sweeping                         | Parking Lot Sweeping                          | Elgin Pelican Mechanical Brooms   | Commercial and Municipal: Tewksbury, Dracut, Lowell, Wilmington, Billerica, Andover, North Andover, Chelmsford, Haverhill, Bradford, Lawrence, Boxford, Westford, Littleton, and Amesbury, MA               | \$125/hr 4 hour minimum                 | Will offer discounts only after performing business   |                        | PO Box 695, Tewksbury, MA 01876-0695      | 978-851-8149   | <a href="http://www.amricpowersweeping.com/Home.html">http://www.amricpowersweeping.com/Home.html</a>                           | Currently only services MA, but willing to service NH.   |
| Regal Sweeping                               | Parking Lot Sweeping                          | Regenerative Air Sweepers   | Commercial parking lots   | N/A                                     | N/A   |                        | Regal Maintenance, Merrimack, NH 03054    | 603-424-2329   | <a href="http://regalsweeping.com/contact.html">http://regalsweeping.com/contact.html</a>                                       | They don't perform sand removal and instead primarily specialize in clean-up of trash and other debris. Their machines are unable to pick up large amounts of sand.      |
| Shoem Roadway Services                       | Parking Lot Sweeping and Catch Basin Cleaning | Mechanical Brooms and VacTruck  | Commercial and Municipal  | \$100/hr sweeping; \$120/hr CB cleaning | At least 25 catch basin which would make a full days worth of work. Unable to give reduce cost without seeing the properties first. |                        | PO Box 312, South Berwick, ME 03908       | 207-289-0179 for John: Job Estimator, 207-730-9433 for Amanda: Owner | <a href="http://shoemsweeping.com/home">http://shoemsweeping.com/home</a>   | Currently don't service southern NH, but would be willing to for a full days worth of work.  |
| FB Hale Hudson                               | Parking Lot Sweeping                          | Mechanical Brooms   | Southern NH   | \$110/hr                                | Always \$110/hr   |                        | 5 Teloian Dr. Hudson, NH 03051            | 603-883-6615   | N/A   | Not willing to give bulk rate discount. Currently service Pennichuck Brook Watershed Area.   |
| Labrie Associates                            | Parking Lot Sweeping                          | Vacuum Sweeper  | Areas they service Portsmouth NH, New Castle NH, Rye NH, Dover NH, North Hampton, Gonic NH, Rochester NH, Newmarket NH, Exeter NH, Greenland NH, Hampton Falls NH, Newington NH, Kensington NH, Seabrook NH | \$100/hr                                | N/A   |                        | 24 Walnut Avenue, North Hampton, NH 03862 | 603-964-9502   | <a href="http://www.labrieassociates.com/cpm_power_sweeping.htm">http://www.labrieassociates.com/cpm_power_sweeping.htm</a>     | Pennichuck is out of their range and would need to perform sweeping during the day and all the vacuum sweeper does is pick up trash. (mostly works on mall parking lots) |
| Bellmore Catch Basin Maintenance             | Catch Basin Cleaning                          | Vactor trucks w/ vacuum-flush system; mechanical claw services for high-flow applications | Institutional, Municipal, Condominium, Construction, Hydroexcavation  | Average \$80/CB. Range \$50-\$125/CB    | Willing to give discounted price on a percentage basis once the number and location of the CBs are known.                           |                        | PO Box 10369 Bedford, MA                  | 603-641-6640   | <a href="http://www.bellemore.com/index.html">http://www.bellemore.com/index.html</a>   | Rates vary for each property. Currently service Pennichuck Brook Watershed Area.   |
| Eastern Pipe Services (Felix Septic Service) | Catch Basin Cleaning                          | High power vacuum, hydro-jetting to clean lines 6"-36" diameter                           | Residential, Walmart, McDonalds, KFC, Dunkin' Donuts, Wendy's, Circle K   | \$150/hr                                | 300 CB  | \$35/CB if 300 or more | N/A                                       | 603-623-7907   | <a href="http://www.felixseptic.com/services/catch-basin-cleaning">http://www.felixseptic.com/services/catch-basin-cleaning</a> | Will serve commercial properties throughout New Hampshire. Two hour minimum required.  |

# Appendix C

## Pollutant Load and Reduction Calculations

# Appendix C Pollutant Load and Reduction Calculations

## Existing TP and TSS Pollutant Loads

Existing TP and TSS loads were calculated using TP and TSS loading rates (Table C-1 and Table C-2) for each of the watershed communities' commercial and industrial areas from the SWMM Model used in the 2008 and 2012 Restoration Plan. SWMM TP and TSS loading rates were multiplied by total commercial and industrial areas.

| <b>Table C-1. SWMM TP Loading Rates (lbs/acre/yr)</b> |            |            |
|---|------------|------------|
| Town  | Commercial | Industrial |
| Amherst   | 0.87       | 0.69       |
| Merrimack & Nashua                                    | 1.14       | 0.91       |
| Hollis & Milford                                      | 0.53       | 0.28       |

| <b>Table C-2. SWMM TSS Loading Rates (lbs/acre/year)</b> |            |            |
|--|------------|------------|
| Town   | Commercial | Industrial |
| Amherst  | 164        | 94         |
| Merrimack & Nashua                                       | 210        | 123        |
| Hollis & Milford   | 124        | 16         |

Existing TP loads for commercial and industrial properties watershed-wide are found in Table C-3.

| <b>Table C-3. SWMM Existing TP Loadings by Land Use (lbs/year)</b> |            |            |             |
|--|------------|------------|-------------|
| Town   | Commercial | Industrial | Total       |
| Amherst  | 109        | 51         | 160         |
| Hollis   | -          | 13         | 13          |
| Merrimack  | 238        | 401        | 639         |
| Nashua   | 366        | 346        | 712         |
| Milford  | -          | -          | -           |
| <b>Total</b>   | <b>713</b> | <b>812</b> | <b>1524</b> |

TSS loads for commercial and industrial properties watershed-wide are found in Table C-4.

| <b>Table C-4. SWMM TSS Loadings by Land Use (lbs/year)</b> |                |                |                |
|--|----------------|----------------|----------------|
| Town   | Commercial     | Industrial     | Total          |
| Amherst  | 20,494         | 6,990          | 27,485         |
| Hollis   | -              | 741            | 741            |
| Merrimack  | 43,839         | 54,296         | 98,134         |
| Nashua   | 67,606         | 46,796         | 114,401        |
| Milford  |                | -              | -              |
| <b>Total</b>   | <b>131,939</b> | <b>108,823</b> | <b>240,762</b> |

### TP and TSS Pollutant Load Reduction Calculations

Phosphorus and TSS load reductions associated with sweeping and catch basin cleaning were previously calculated using the SWMM model under the 2008 Watershed Restoration Plan. These removal rates were applied to existing commercial and industrial parcel areas to estimate reductions associated with a commercial and industrial maintenance program. Total load reductions for each community were summed to account for all commercial and industrial properties within the watershed. The removal rates for sweeping were based on sweeping performed twice a year with a High-Efficiency Regenerative Air-Vacuum with a maximum removal efficiency of 85% per sweeping for commercial and 72% for industrial properties. The maximum removal efficiency represents the fraction available for removal through sweeping and was set to match the percent impervious value of the land use in these cases. A 50% street sweeping removal efficiency was applied to the available fraction. A 7.5% reduction of pollutants was applied for catch basin cleaning performed twice a year and adjusted to account for impervious area and relative connectivity in each community. Refer to Tables C-5 for phosphorus removal rates associated with sweeping and Table C-6 for phosphorus removal rates associated with catch basin cleaning, both using the assumptions in the 2008 and 2012 Watershed Restoration Plans and SWMM model. Refer to Tables C-7 and C-8 for TSS removal rates associated with sweeping and catch basin cleaning, respectively, also using the assumptions in the 2008 and 2012 Watershed Restoration Plans and SWMM model.

| <b>Table C-5. SWMM Sweeping Phosphorus Removal Rates</b> |                       |                       |
|--|-----------------------|-----------------------|
| Town   | Commercial (lbs/acre) | Industrial (lbs/acre) |
| Amherst  | 0.05                  | 0.04                  |
| Merrimack  | 0.04                  | 0.03                  |
| Nashua   | 0.04                  | 0.03                  |
| Hollis   | 0.08                  | 0.07                  |

| <b>Table C-6. SWMM Catch Basin Phosphorus Removal Rates</b> |                       |                       |
|---|-----------------------|-----------------------|
| Town  | Commercial (lbs/acre) | Industrial (lbs/acre) |
| Amherst   | 0.07                  | 0.05                  |
| Merrimack   | 0.09                  | 0.07                  |
| Nashua  | 0.09                  | 0.07                  |
| Hollis  | 0.04                  | 0.02                  |

| <b>Table C-7. SWMM Sweeping TSS Removal Rates</b> |                       |                       |
|---|-----------------------|-----------------------|
| Town  | Commercial (lbs/acre) | Industrial (lbs/acre) |
| Amherst   | 14.07                 | 9.64                  |
| Merrimack   | 11.27                 | 7.75                  |
| Nashua  | 11.27                 | 7.75                  |
| Hollis  | 22.08                 | 17.32                 |

| <b>Table C-8. SWMM Catch Basin TSS Removal Rates</b> |                       |                       |
|--|-----------------------|-----------------------|
| Town   | Commercial (lbs/acre) | Industrial (lbs/acre) |
| Amherst  | 24.67                 | 16.30                 |
| Merrimack  | 31.48                 | 21.04                 |
| Nashua   | 18.63                 | 8.33                  |
| Hollis   | 18.63                 | 8.33                  |



# Appendix D Vendor Information

# Appendix D Vendor Information

Data collected from parking lot sweeping and catch basin cleaning vendors is shown in below.

*Sweeping Costs* – The cost of hiring a sweeping vendor in Southern New Hampshire runs around \$100 to \$125 an hour. The total cost varies based on the frequency, size, and layout of the parking lot. Additional costs include travel and disposal. Typical sweeping services include annual or bi-annual sweeping before and after the snow melt using mechanical brooms. Vendors that use vacuum assisted or regenerative air sweepers typically perform more frequent parking lot sweeping and specialize in trash and litter removal. Studies have shown that mechanical broom sweepers are effective at removing coarse sediment, but less effective at removing the finer pollutants<sup>4</sup>. They are typically used for spring and fall sweeping to remove the coarse sediment accumulations associated with winter sanding. Vacuum assisted and regenerative air sweepers typically have higher removal efficiencies and are capable of removing finer particles. While it is possible for the vacuum assisted or regenerative air sweepers to remove coarse sediment, it might take multiple passes to do so. For this reason, vendors suggest using a mechanical broom sweeper for sweeping at a frequency of once or twice a year, and higher efficiency units for more frequent cleanings, where the repeated cleaning will help remove both the coarse and fine sediments over time. A number of properties within the watershed indicated that their landscape maintenance contractor provides sweeping of their parking lots along with the landscape maintenance activities. This practice is typically done with brush equipment and blowers, which are less effective at removing fine sand compared to vacuum and regenerative air sweepers, however, may serve a similar function as the mechanical sweepers to remove coarse sediment and debris before a regenerative air sweeper is used.

The average parking lot size in the watershed is about 56,350 square feet. Masco Sweepers reports a typical rate of sweeping a small fast-food restaurant at 0.5 hrs for 20,000 sq ft. and a large shopping center at 1.25 hrs for 120,000 sq ft<sup>5</sup>. Since the average parking lot size is closer to the smaller fast-food restaurant size, this rate was applied to estimate a sweeping time of 327 hours to sweep all of the commercial and industrial parking lots in the watershed once a year, not including travel time to and from the site. At \$100/hr to \$125/hr and sweeping twice a year, this equates to a sweeping cost of between about \$65,400 and \$81,700 per year to sweep all of the commercial and industrial parking lots within the watershed not including travel time and disposal costs. Adding 10% for travel and disposal of 17,000 lbs/year (TSS removal from SWMM) at a rate of \$30/ton, results in a total vendor cost of about \$72,200 to \$90,100 for the first year, with each subsequent year expected to increase by 3% to account for inflation. Refer to Table D-1 for a breakdown of costs and Table D-2 for annual costs over a 10-year period.

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<sup>4</sup> Minnesota Department of Transportation (2008, February). *Resource for Implementing a Street Sweeping Best Practice*. Retrieved August 9<sup>th</sup>, 2013, from World Wide Web: <http://www.lrrb.org/media/reports/2008RIC06.pdf>

<sup>5</sup> Masco Sweepers (2010). *Starting a Sweeping Business Information*. Retrieved July 25, 2013 from the World Wide Web: <http://www.mascosweepers.com/startingbusiness/index.shtml#6>

*Catch Basin Cleaning Costs* – The cost of catch basin cleaning by nearby vendors is typically priced hourly or by catch basin. The typical rate per catch basin is anywhere from \$35-\$150 and hourly rates range from \$120-\$150. Costs vary based on a host of factors including: size, amount of debris, and access to structure. Additional costs associated with hiring an outside vendor include disposal and travel time to and from the site. After speaking with various vendors, costs were estimated as follows:

1. Based on an average of 4 structures per parking lot and the ability to clean up to 25 catch basins in an 8 hour day (1.28 hours per parking lot).
2. Based on a minimum of two hours to clean structures on each parking lot (232 parking lots).
3. Based on \$35/structure.

Additionally, a 10% travel fee was added for each scenario and a disposal cost of \$30/ton for disposal of 29,090 lbs/year (TSS removal from SWMM) of sediment. This results in a total vendor cost of about \$72,100 to \$152,900 for the first year, with each subsequent year expected to increase by 3% to account for inflation. Refer to Table D-3 for a breakdown of costs and Table D-4 for annual costs over a 10-year period.

| Table D-1. Parking Lot Sweeping Vendor Costs |          |          |                 |                 |          |            |          |
|--|----------|----------|-----------------|-----------------|----------|------------|----------|
| Time (hrs)                                   | Sweeping |          | Travel          |                 | Disposal | Final Cost |          |
|  | \$100/hr | \$125/hr | 10% of \$100/hr | 10% of \$125/hr |          | min        | max      |
| 654  | \$65,378 | \$81,722 | \$6,538         | \$8,172         | \$255    | \$72,200   | \$90,100 |

| Table D-2. Ten Year Parking Lot Sweeping Vendor Costs (2x/yr) |              |          |          |          |          |           |           |           |           |           |           |                  |  |
|---|--------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|--|
| Type  | Capital Cost | Year 1   | Year 2   | Year 3   | Year 4   | Year 5    | Year 6    | Year 7    | Year 8    | Year 9    | Year 10   | Total (10 Years) | Average Annual Costs Over 10-Year Period |
| <b>Vendor Based Sweeping</b>                                  |              |          |          |          |          |           |           |           |           |           |           |                  |  |
| minimum   | \$72,200     | \$72,200 | \$74,366 | \$76,597 | \$78,895 | \$81,262  | \$83,700  | \$86,211  | \$88,797  | \$91,461  | \$94,205  | \$828,000        | \$83,000                                 |
| maximum   | \$90,100     | \$90,100 | \$92,803 | \$95,587 | \$98,455 | \$101,408 | \$104,451 | \$107,584 | \$110,812 | \$114,136 | \$117,560 | \$1,033,000      | \$103,000                                |

Note: Totals are rounded to the nearest \$1000.

| Table D-3. Catch Basin Cleaning Vendor Costs (2x/yr)                      |  |                |  |          |          |           |
|---|--|----------------|--|----------|----------|-----------|
|   | time to clean 4 basins based on 25 per 8 hours | \$/parking lot | Total cleaning cost for all parking lots | Travel   | Disposal | Total     |
| Cost based on hourly (25 catch basins per day, 4 in 1.28 hours, \$150/hr) | 1.29   | \$193          | \$89,293                                 | \$8,929  | \$436    | \$98,700  |
| Cost based on hourly (2 hour minimum, \$150/hr)                           |  | \$300          | \$138,630                                | \$13,863 | \$436    | \$152,900 |
| Cost based on catch basins (930 catch basins @ \$35/catch basin)          |  |                | \$65,110                                 | \$6,511  | \$436    | \$72,100  |

| Table D-4. Ten Year Catch Basin Cleaning Vendor Costs (2x/yr) |              |           |           |           |           |           |           |           |           |           |           |                  |  |
|---|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|--|
| Type  | Capital Cost | Year 1    | Year 2    | Year 3    | Year 4    | Year 5    | Year 6    | Year 7    | Year 8    | Year 9    | Year 10   | Total (10 Years) | Average Annual Costs Over 10-Year Period |
| <b>Vendor Based Catch Basin Cleaning</b>                      |              |           |           |           |           |           |           |           |           |           |           |                  |  |
| minimum   | \$72,100     | \$72,100  | \$74,263  | \$76,491  | \$78,786  | \$81,149  | \$83,584  | \$86,091  | \$88,674  | \$91,334  | \$94,074  | \$827,000        | \$83,000                                 |
| maximum   | \$152,900    | \$152,900 | \$157,487 | \$162,212 | \$167,078 | \$172,090 | \$177,253 | \$182,571 | \$188,048 | \$193,689 | \$199,500 | \$1,753,000      | \$175,000                                |

Note: Totals are rounded to the nearest \$1000.