EXHIBIT "A"

SCOPE OF WORK

CONSULTANT shall provide NVWMA with the following services:

I. DESCRIPTION OF SERVICES

Devlin Road Transfer Station
Scope of Work

Consultant agrees to perform the following Scope of Work:

Task 1.0 – Project Overview

Task 1.1 Meetings with Stakeholders

Consultant will meet with Napa-Vallejo Waste Management Authority (Authority) and Devlin Road Transfer Station (DRTS) representatives as well as any other representative or agency having an interest in the DRTS, as deemed applicable by the Authority, to discuss any issues related to the existing condition, maintenance programs or future plans for the DRTS. Consultant requests that the stakeholders prepare a list of issues or concerns that Consultant should be aware of or address as part of the facilities evaluation and Master Plan – Technical Memorandum preparation. Consultant has assumed two (2) meetings with the stakeholders as part of this Task.

Task 1.2 Review Existing Reports, Studies and Drawings

Consultant will review existing reports, studies and drawings of the DRTS facility provided by the Authority or County of Napa. Consultant has already obtained plans and studies completed for the Devlin Road Transfer Station prepared by CH2M Hill (1993), by James L. Cassayre Engineer (2008), RGH Consultants, Inc. (2008) and Wayne Holland Architect (2008).

Task 2.0 – Topographic Survey and Map

Perform a topographic survey and prepare a topographic map of the area shown on Attachment 1. Consultant intends to sub consult all topographic survey and boundary work to Terra Firma Surveys, Inc. in St. Helena, California.

The topographic map will clearly depict the existing drainage patterns within the mapping limits. The limits of the mapping are as follows:

Southeasterly Limit: The perimeter fencing around the facility plus a 25 foot overlap.
Easterly Limit: The back of the large warehouse on South Kelly Road.
Northerly Limit: Devlin Road plus a 25 foot overlap. The intersection of Devlin and South Kelly Roads will be shown.
Westerly Limit: The existing topographic map by Michael W. Brooks and Associates dated April, 2008.

Spot check select locations on the existing topographic map by Michael W. Brooks and Associates dated April, 2008 to insure the map's accuracy.

The topographic map will show the following:

- All utilities including storm drains, drop inlets, curb inlets, sewer manholes, storm drain manholes and water meters. Invert elevations, size and direction of flow for storm drain manholes and drop inlets will be shown (invert elevations for sewer manholes will not be shown).
- Saw cuts in asphalts for underground utilities
- Overhead utility lines
- Light posts and signs
- Asphalt pavement and concrete slabs including significant grade breaks in the hardscape
- Curbs and gutters
- Road centerline elevations
- Speed bumps
- Fences
- Railroad spur lines with elevations of the rails shown
- Detail of truck scales
- All buildings including ramps leading to and from the main facility, major door openings and finished floor elevations.
- Retaining walls with top of wall elevations shown
- Trees greater than 6 inches in diameter
- The swale between Devlin Road and the back of the warehouse east of the project
- Painted underground utilities if marked prior to the field survey

The topographic map will be drawn at a scale of 1"=20' with a 1 foot contour interval. The mapping will be on an assumed coordinate system with a vertical datum of NAVD88. The horizontal coordinate system will be confirmed with the Authority prior to the field survey. Existing control points established for previous topographic mapping will be located where found. The topographic mapping prepared by Michael W. Brooks and Associates dated April 2008 will be incorporated into the topographic map. An accurate property boundary

will be shown on the map based on record boundary information. Easements of record will be shown on the map if the Authority provides Consultant with a current preliminary title report for the subject parcel.

In addition to the above topographic mapping, Terra Firma Surveys, Inc. will provide a benchmark and permanent on-site and off-site survey control points to facilitate future improvements within the project area.

A boundary survey, setting of property corners or preparation of a Record of Survey Map is not included in this Scope of Work.

The Authority will receive one print of the finished topographic map plotted to fit on one 24" x 36" sheet, a pdf file and the digital AutoCAD dwg file.

Task 3.0 – Geotechnical Evaluation

Prepare a geotechnical evaluation of the onsite soils and pavements within the transfer station facility. Consultant intends to sub consult all geotechnical investigation and evaluation tasks to RGH Consultants, in Santa Rosa, California.

RGH personnel will walk the existing roadways at the facility to observe the condition of the existing asphalt, including crack patterns and general wear to determine where pavement section measurements will be required. At 6 to 8 locations in the roadways, RGH will drill borings through the asphalt and aggregate base into the subgrade materials using a truck-mounted auger rig. The drilling will be coordinated with personnel at the DRTS facility so that traffic can be re-routed around the subsurface exploration locations.

RGH personnel will locate and log the borings and obtain bulk and relatively undisturbed samples for visual examination, classification, and laboratory testing. The sampling will include a bulk sample of the existing asphalt mixed with the underlying aggregate base. Selected samples representative of the material types encountered will be laboratory tested to determine certain characteristics pertinent to the geotechnical analysis. Laboratory testing may include classification (Atterberg Limits and percent of silt and clay) and R-value. The bulk sample of the asphalt and aggregate base mix will be tested for compliance with Caltrans specifications for Class 2 Aggregate base.
Prior to drilling, the boring locations will be marked and Underground Service Alert (USA) notified. USA members will mark the location of their respective utilities in the vicinity of the proposed borings. The boring locations will also be reviewed with the Authority and DRTS personnel to verify that the borings are clear of DRTS facility utilities. Consultant will obtain a permit for the borings if required by Napa County Department of Environmental Health.

Based on the analysis of the field and laboratory work, RGH will develop the following geotechnical information:

1. ***A brief description of soil conditions observed in the field and the laboratory***

2. ***Conclusions and recommendations regarding:***
   a. ***Primary geotechnical engineering concerns and mitigating measures, as applicable***
   b. ***Site preparation and grading including treatment of weak, porous, compressible and expansive surface soils and the construction of fills***
   c. ***Preparation of subgrade and aggregate base for pavement areas***
   d. ***Pavement sections***
   e. ***Geotechnical engineering drainage improvements***
   f. ***Supplemental geotechnical engineering services***

RGH will consult with Consultant, the design team and the Authority during the course of work to transmit preliminary design data as needed. Upon completion of the field work and the laboratory testing RGH will present the results of the study in a written report including summaries of the field and laboratory work.

This Scope of Work does not include construction observation and testing, nor does it include the determination or evaluation of the presence or absence of hazardous materials, toxic mold or the corrosion potential of the site soils/rock or providing provisions for controlling moisture vapor migration through slabs.

Task 4.0 – Civil Site Evaluation

Prepare an evaluation of the roadways, pavements, storm drain system and drainage ways on the DRTS site. Bartelt Engineering, the lead Consultant will be performing the civil site evaluation.

Consultant will walk the existing roadways at the facility to observe the condition of the existing asphalt, including crack patterns and general wear. The walk through will also include observation and evaluation of the onsite storm drain piping system, swales and detention basins.

Consultant will prepare a report assessing the roadway and pavement conditions, the condition of the existing storm drain system and provide recommendations and solutions regarding the maintenance, repair or rehabilitation of the roadways, pavements and storm drain system at the DRTS facility. The report will also include a site plan highlighting the pavement or storm drain areas in need of repair or maintenance.

Task 5.0 – Transfer Station Building Evaluation

The DRTS contains several structures as part of the facility. This Scope of Work only includes the evaluation of the Transfer Station Building. The evaluation of the Office Building, the Hazardous Waste Collection Building, the Recycling Line or the Scale House is specifically not included in this Scope of Work.

Consultant will perform a structural evaluation of the transfer station building. Consultant intends to sub consult all structural analysis required to complete the project to ZFA Consultants, located in Santa Rosa, California. Consultant intends to sub consult all architectural building investigation work to Wayne Holland & Associates, located in Napa, California.

ZFA and Architect will provide a structural evaluation of the transfer station building. This will consist of a general structural review concerning building condition and damaged or worn areas of the building. ZFA and Architect will conduct a review of the original construction documents then perform a site reconnaissance to review existing conditions and observe and document wear or damage. Perform structural engineering calculations that appear necessary.

Prepare a report summarizing the documentation, recommendations and solutions to the potential structural problems found within the transfer station building. The report will prioritize the Structural Engineers and Architects recommendations and solutions based on the rate of deterioration and what needs to be done to keep the building functional and safe.

Task 6.0 – Five Year Master Plan –Technical Memorandum

Task 6.1 – Identification and Prioritization of Critical Areas

Consultant will review all information collected and recommendations presented by the sub consultants during the site evaluation process. The Consultant will meet (one meeting) with the Authority to present the findings from the sub consultants and create a list of project priorities to be performed.

Task 6.2 – Technical Memorandum

Consultant will prepare a Five Year Rehabilitation Master Plan for the Devlin Road Transfer Station in the form of a Technical Memorandum. The Technical Memorandum will include an assessment of existing pavements within the DRTS facility, a structural and architectural condition assessment of the transfer station building outlining any necessary improvements inside the transfer station building, project prioritization, project scheduling, proposed phasing and approximate construction cost estimates for each project outlined in the Master Plan.

Consultant will present drafts of the Technical Memorandum to the Authority as requested for review.

Consultant will meet with Authority staff on two (2) separate occasions to discuss the Technical Memorandum prepared by Consultant. The first meeting will be to review the draft Technical Memorandum with Authority staff. The second meeting will be to present the final Five Year Master Plan – Technical Memorandum including comments received from Authority staff.

Task 7.0 Reimbursable Expenses

Materials and expenses such as printing, plotting, copies, courier services, subcontracts, etc. will be invoiced to Authority at cost plus 20%.

Project Deliverables

Upon completion of the above referenced Tasks, Consultant will deliver the following items to the Authority as part of this project:

Topographic Map

Geotechnical Investigation Report

Pavement and Storm Drain Assessment Report

Structural Evaluation Report

Devlin Road Transfer Station Five Year Rehabilitation Master Plan - Technical Memorandum

Exclusions

Consultant's scope of work will NOT include the following:

1. Traffic and fire protection consultant services.
2. Landscape architectural consultant services.
3. Construction staking, ALTA survey or preparation of a Record of Survey map.
4. Legal descriptions and plats for construction or access easements.
5. Utility relocation coordination.
6. Preparation of a biological/botanical report, archeology report or CEQA documents.
7. Payment of agency and title company fees.
8. Other services not specifically required or outlined under this agreement including those services specifically excluded in each Task description.