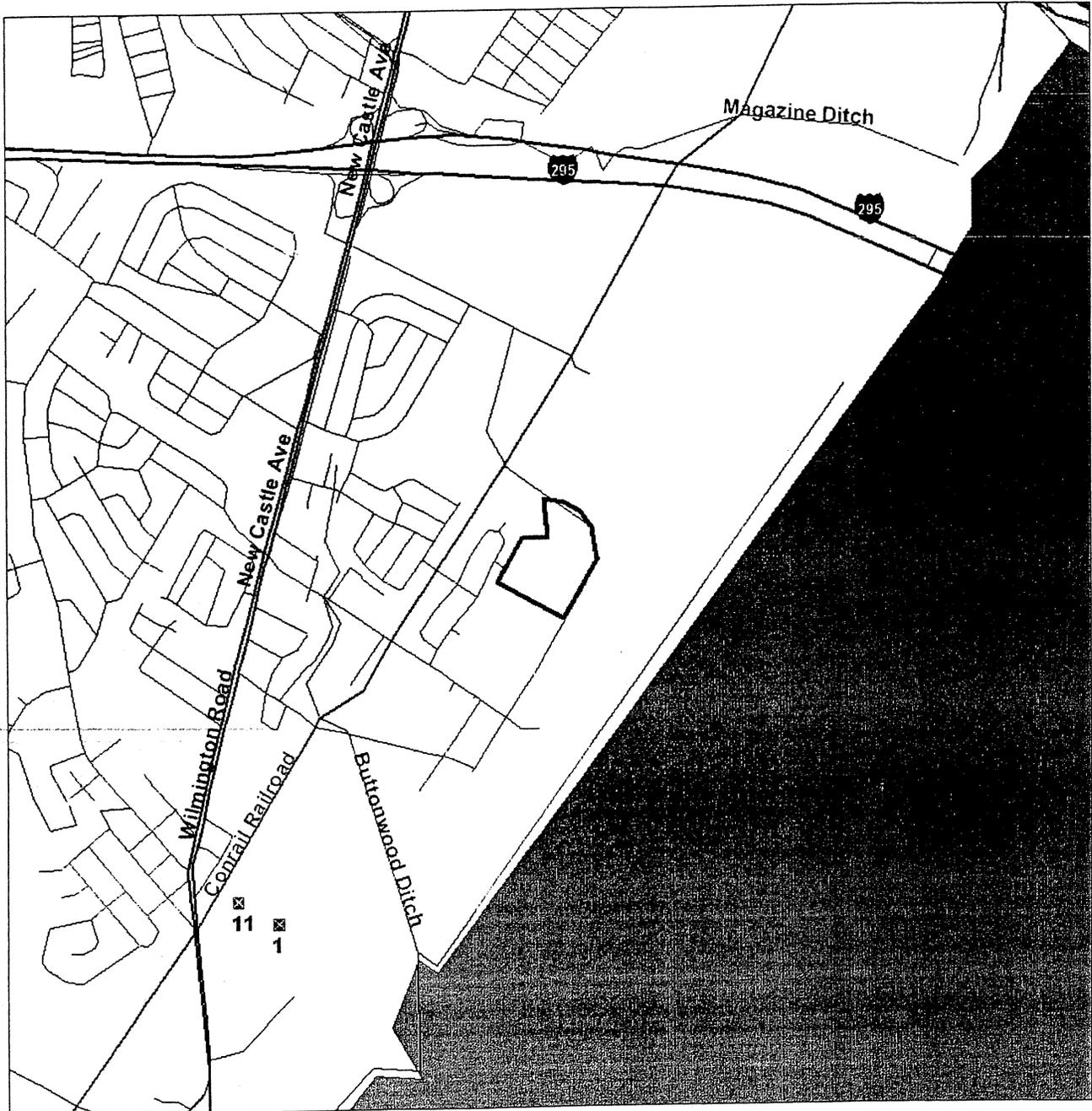


# Environmental FirstSearch

1 Mile Radius from Area  
 ASTM Map: NPL, RCACOR, STATE Sites



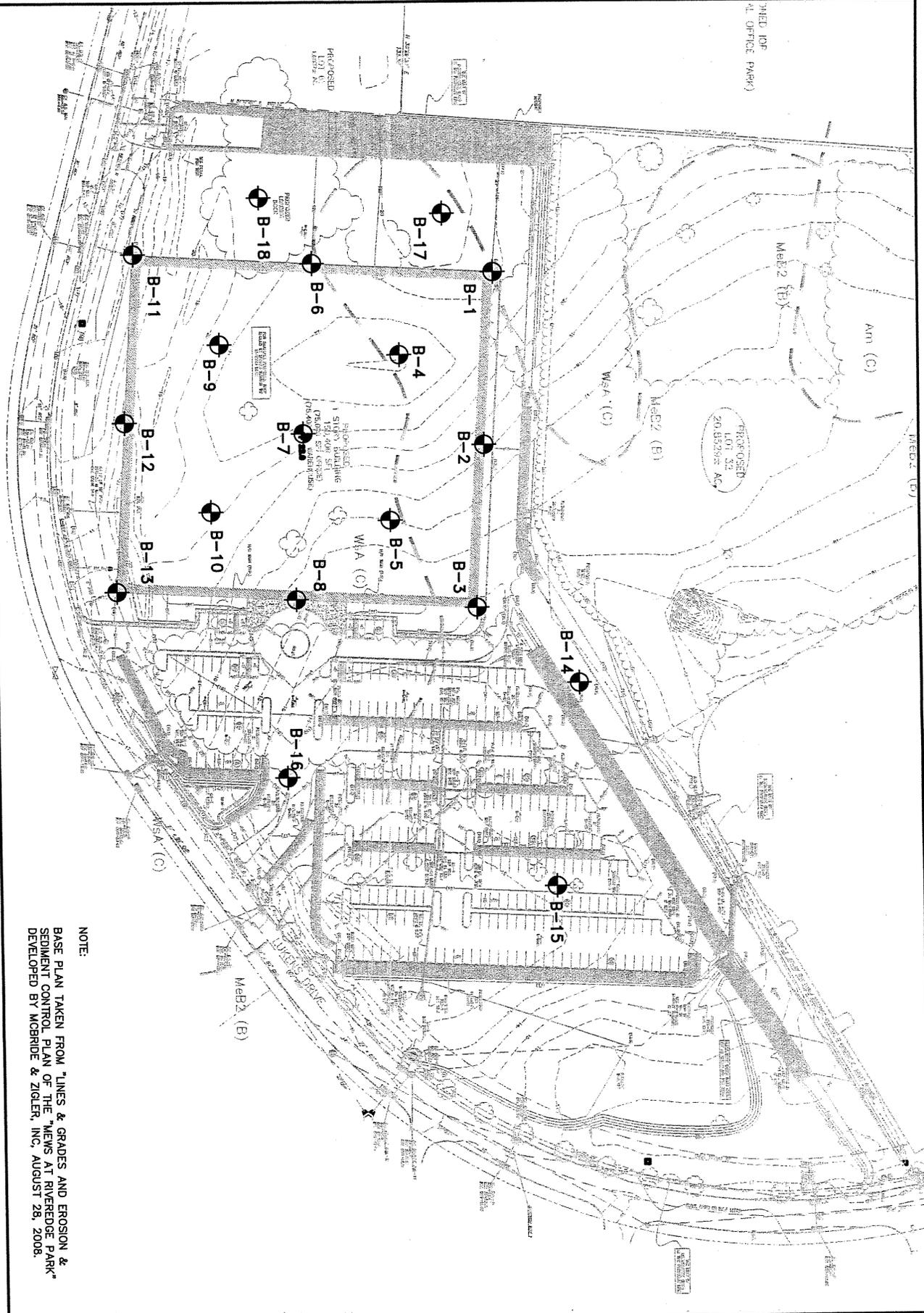
LUKENS DR, NEW CASTLE DE 19720



Source: 2002 U.S. Census TIGER Files

|  |  |
|--|--|
| Area Polygon .....   |  |
| Identified Site, Multiple Sites, Receptor .....                            |  |
| NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste ..... |  |
| Triballand .....   |  |
| Railroads .....  |  |

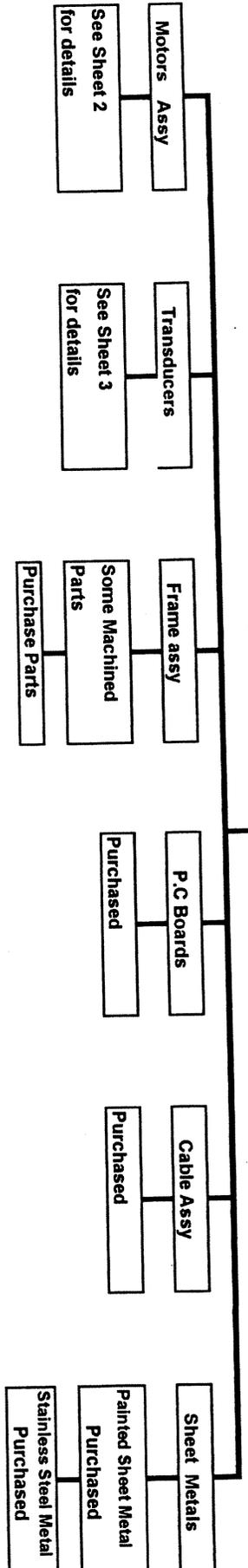
J:\TA Instruments Site 20082284\4-06\_CNST modified.dwg, FIGURE 2, 1:1



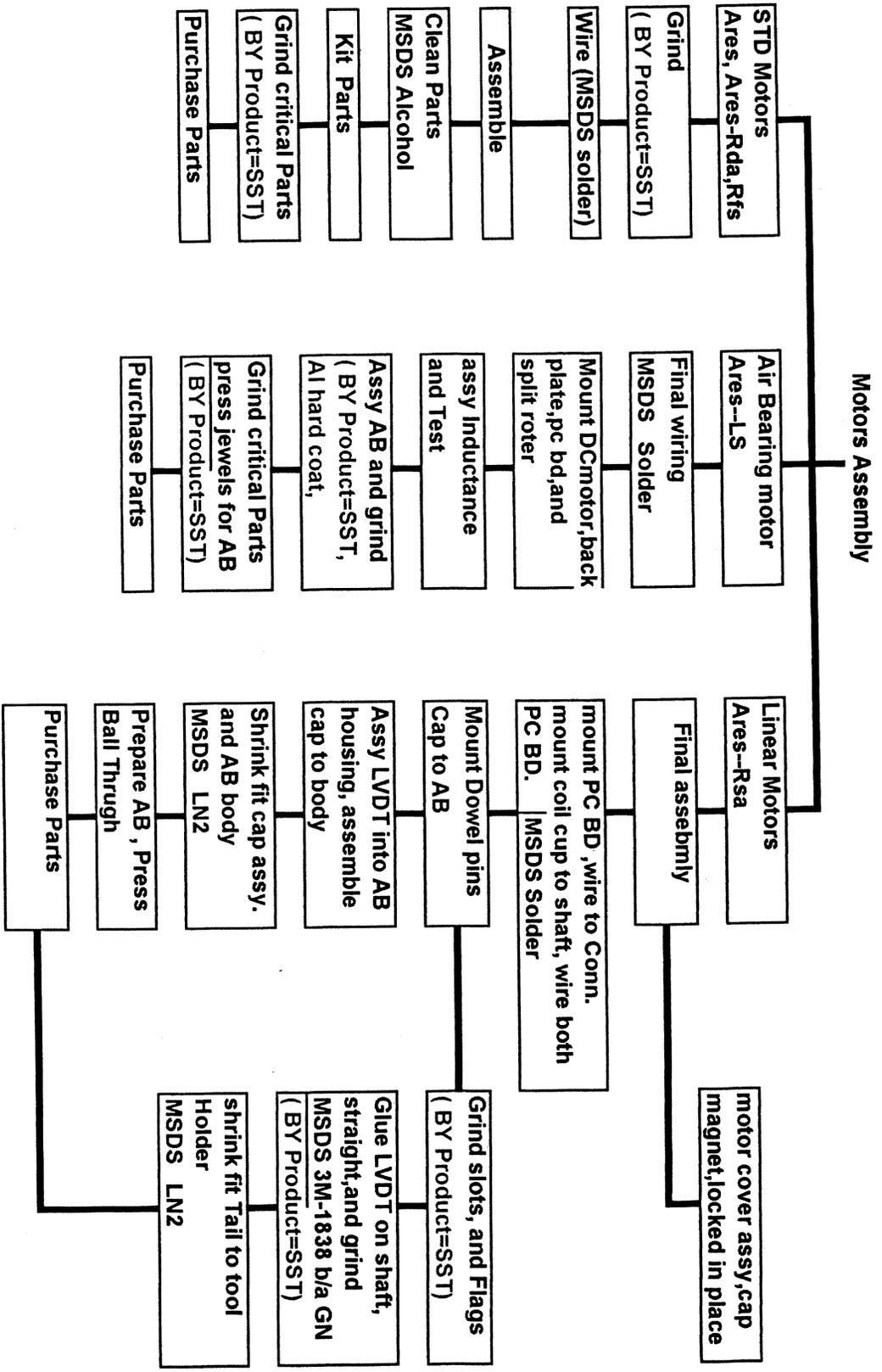
NOTE:  
 BASE PLAN TAKEN FROM "LINES & GRADES AND EROSION & SEDIMENT CONTROL PLAN OF THE "MEWS AT RIVEREDGE PARK" DEVELOPED BY MCBRIDE & ZIGLER, INC, AUGUST 28, 2008.

|                    |   |  |        |                            |                 |
|--------------------|---|--|--------|----------------------------|-----------------|
| FIGURE<br><b>2</b> | TA INSTRUMENTS SITE<br>NEW CASTLE, DELAWARE | <b>ADVANCED Geoservices</b><br>Engineering for the Environment. Planning for People.™<br>1055 ANDREW DRIVE, SUITE A, WEST CHESTER PA, 19380<br>tel 610.840.9100 fax 610.840.9199 www.advancedgeoservices.com |        | BORING LOCATION PLAN       |                 |
|                    |   | PROJECT MANAGER:   | SCALE: | 1"=100'                    |                 |
|                    |   | CHECKED BY:  | P.F.M. | PROJECT NUMBER: 2008228402 |                 |
|                    |   | DRAWN BY:  | RA     | DATE:                      | OCTOBER 1, 2008 |

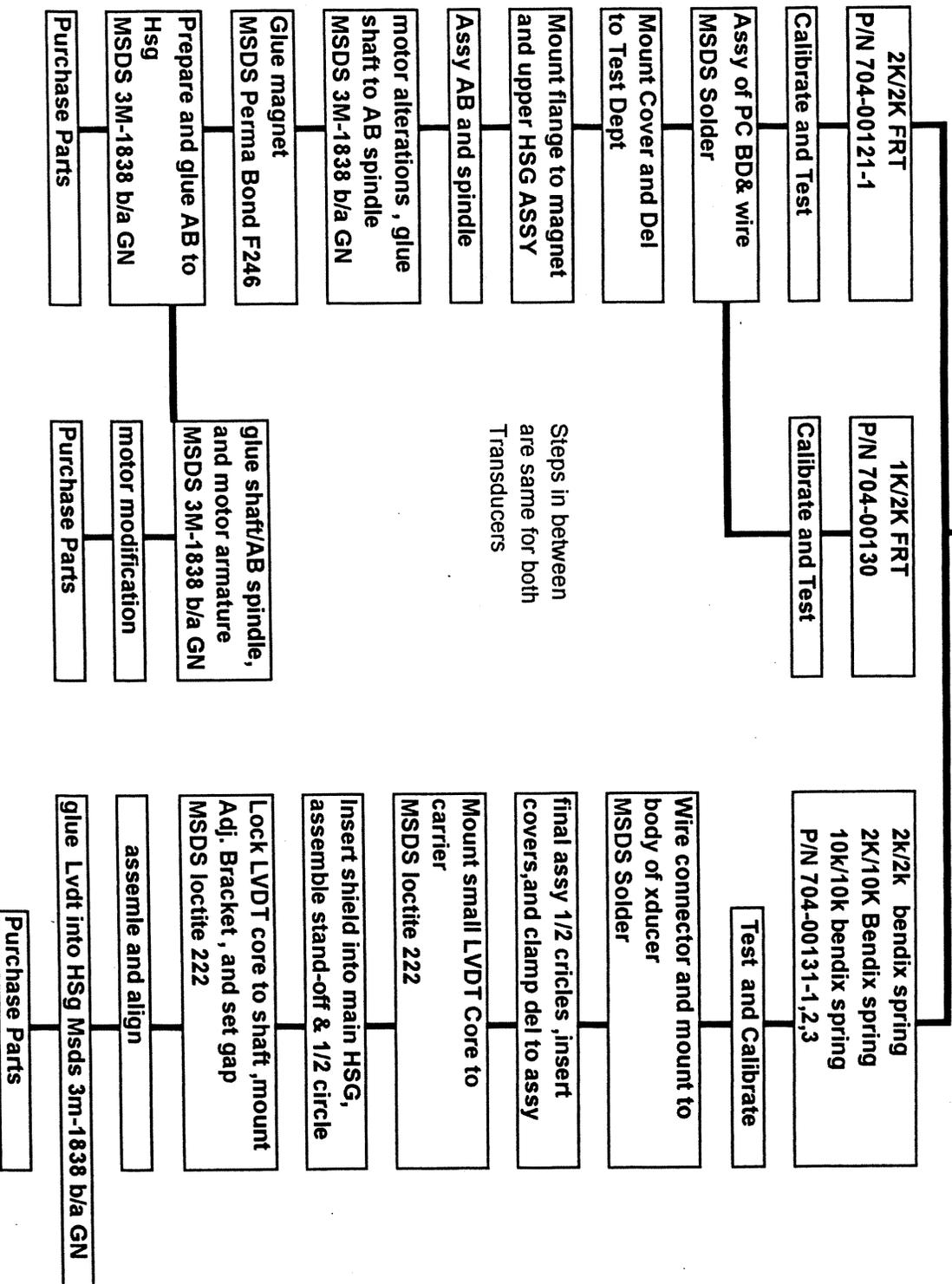
Project Operations  
Rheological Instrumentation ARES--LS / ARES--RDA/RFS/RSA



- MSDS:**  
 Solder 60/40  
 Loctite 222  
 Perma Bond F248  
 3M 1838 A/B Green  
 LN2 "Liquid Nitrogen"  
 Iso Propanal  
 Permatest Synthetix 82340  
 Eccobond 285 & Catalyst 24 LV "Epoxy"  
 Non-CFC Freon sub.
- By Products:**  
 Aluminum Hard Coat  
 Diamond Dust  
 Stainless Steel  
 Aluminum



Transducers



Applicant: TA Instruments - Waters LLC  
 Project: Project  
 CZA Official Review Reference: (DNREC Only)

COASTAL ZONE ENVIRONMENTAL IMPACT OFFSET MATRIX

Page 1 of 1  
 Application Date: September 16, 2003  
 Amendment:  
 Offset Review Date: (DNREC Use Only)  
 Matrix Amended:

| ENVIRONMENTAL IMPACTS                              | (Applicant Use)<br>DESCRIBE ENVIRONMENTAL IMPACTS   | PAGE NO. | (Applicant Use)<br>DESCRIBE ENVIRONMENTAL OFFSET PROPOSAL <sup>1</sup>   | PAGE NO. | (DNREC Use Only)<br>OFFSET SUFFICIENCY<br>Yes, No or N/A |
|--|---|----------|--|----------|--|
| Air Quality (Applicant to List Below by Parameter) | None  |          |  |          |  |
| Water Quality                                      | None  |          |  |          |  |
| Surface  | None  |          |  |          |  |
| Groundwater  | None  |          |  |          |  |
| Water Quantity                                     | None  |          |  |          |  |
| Surface  | None  |          |  |          |  |
| Groundwater  | None  |          |  |          |  |
| Water Use For:                                     | None  |          |  |          |  |
| Processing   | None  |          |  |          |  |
| Cooling  | None  |          |  |          |  |
| Effluent Removal                                   | Local Sewage Systems  |          |  |          |  |
| Solid Waste  | Regular office rubbish and cardboard  |          | Cardboard recycled by Waste Management   |          |  |
| Hazardous Waste                                    | Spent Isopropyl alcohol for cleaning operations. Less than 30 gallons a year total <sup>1</sup> |          | Respond by Safep-Kleen and removed to their recycling facility located in Hobson, OH - Aqueous parts Washer<br>Allentown, PA - Fluorescent Light Bulbs and Smidfield, KY - Solvent Waste |          |  |
| Habitat  | None  |          |  |          |  |
| Wetlands   | None  |          |  |          |  |
| Flood Hazard                                       | None  |          |  |          |  |
| Drainage/Flood Control                             | None  |          |  |          |  |
| Erosion <sup>2</sup>                               | None  |          |  |          |  |
| Land Use Effects                                   | None  |          |  |          |  |
| Glare  | None  |          |  |          |  |
| Heat   | None  |          |  |          |  |
| Noise  | None  |          |  |          |  |
| Odors  | None  |          |  |          |  |
| Vibration  | None  |          |  |          |  |
| Radiation  | None  |          |  |          |  |
| Electric/Magnetic Interference                     | None  |          |  |          |  |
| Other Effects                                      | None  |          |  |          |  |
| Threatened & Endangered Species                    | None  |          |  |          |  |
| Impacts From:                                      |   |          |  |          |  |
| Raw Material                                       | None  |          |  |          |  |
| Intermediate Products                              | None  |          |  |          |  |
| By-Products  | None  |          |  |          |  |
| Final Products                                     | None  |          |  |          |  |

1. According to a letter dated October 29, 2003 authored by Lure Hawk representing TA Instruments, solvents used for parts cleaning over course of one year include a total of 5 gallons of Isopropyl alcohol and 45 gallons of HBE-71DA used. Also, TA Instruments indicates that onsite bulk storage includes 5 gallons each of Kleen Cool 100, Man 845-4 Henning Oil, HBE-71DA, and Isopropyl Alcohol.