



Solicitation Information

8 June 06

LOI #: B06435

TITLE: Dam Failure Engineering

Submission Deadline: 5 July 06 @ 2:00 PM (Eastern Time)

Questions concerning this solicitation may also be e-mailed to the Division of Purchases at questions@purchasing.state.ri.us no later than 21 June 06 @ 12:00 Noon (Eastern Time). Please reference the LOI/RFP # on all correspondence. Questions received, if any, will be answered and posted on the Internet as an addendum to this solicitation. It is the responsibility of all interested parties to download this information.

SURETY REQUIRED: No

BOND REQUIRED: No

Jerome D. Moynihan, C.P.M., CPPO
Administrator of Purchasing Systems

Vendors must register on-line at the State Purchasing Website at www.purchasing.state.ri.us.

NOTE TO VENDORS:

Offers received without the entire completed three-page RIVIP Generated Bidder Certification Form attached may result in disqualification.

THIS PAGE IS NOT A BIDDER CERTIFICATION FORM

SECTION 1 – INSTRUCTIONS AND NOTIFICATIONS TO OFFERERS:

The Rhode Island Department of Administration/Division of Purchases, on behalf of the Department of Environmental Management (DEM) is soliciting proposals for engineering services to provide dam failure inundation maps from qualified OFFERERS, and in accordance with the terms of this Request for Letters of Interest/Proposals (LOI/RFP) and the State's General Conditions of Purchase.

This solicitation, and subsequent award, is governed by the State's General Conditions of Purchase, which is available at www.purchasing.ri.gov

To access the State's General Conditions of Purchase, enter our website, click on RIVIP, then click on General Information and then click on Rules and Regulations. Once the Rules and Regulations are displayed, scroll to the bottom of the page and double click on Appendix A, which contains the State's General Conditions of Purchase.

The scope of work is described herein.

Potential OFFERERS are advised to review all sections of this solicitation carefully and to follow instructions completely, as failure to make a complete submission as described elsewhere herein may result in rejection of the proposal.

Alternative approaches and/or methodologies to accomplish the desired or intended results of this procurement are solicited. However, proposals which depart from or materially alter the terms, requirements, or scope of work defined by this Request will be rejected as being non-responsive.

The state reserves the right to award to one or more OFFERER. The State also reserves the right to award this project based on pricing alone.

All costs associated with developing or submitting a proposal in response to this Request, or to provide oral or written clarification of its content shall be borne by the OFFERER. The State assumes no responsibility for these costs.

Proposals are considered to be irrevocable for a period of not less than sixty (60) days following the opening date, and may not be withdrawn, except with the express written permission of the State Purchasing Agent.

All pricing submitted is to be considered fixed, unless otherwise indicated herein.

Proposals misdirected to other State locations or which are otherwise not present in the Office of Purchases at the time of opening for any cause will be determined to be late and will not be considered.

It is intended that an award pursuant to this request will be made to a prime contractor, who will assume responsibility for all aspects of the work. Joint venture and cooperative proposals will not be considered, but subcontractors are permitted, provided that their use

is clearly indicated in the OFFERER'S proposal, and that the subcontractor(s) proposed to be used are identified in the proposal.

In accordance with Title 7, Chapter 1.1 of the General Laws of Rhode Island, no foreign corporation, a corporation without a Rhode Island business address, shall have the right to transact business in the state until it shall have procured a Certificate of Authority to do so from the Rhode Island Secretary of State (401-222-3040). *This is a requirement only of the selected vendor(s).*

Bidders are advised that all materials submitted to the State of Rhode Island for consideration in response to this Letter of Interest/Request for Proposal will be considered to be public records, as defined in Title 38 Chapter 2 of the Rhode Island General Laws, without exception, and will be released for inspection immediately upon request, once an award has been made.

Interested parties are instructed to peruse the Division of Purchases website on a regular basis, as additional information relating to this solicitation may be released in the form of an addendum to this LOI/RFP.

The OFFERER should be aware of the State's Minority Business Enterprise (MBE) requirements, which addresses the State's goal of ten per cent (10%) participation by MBE's in all State procurements. For further information, contact the MBE Administrator, at (401) 222-6253 or visit the website at <http://www.rimbe.org>

Awards resulting from this Request will be subject to the State's General Conditions of Purchase, which are available through the Internet at www.purchasing.ri.gov. The contract period with the selected OFFERER will end on December 22, 2006. At the sole option of the State, if the necessary funds become available, the State may seek to extend the contract to provide similar Engineering Services for other dams in addition to those selected for this Project.

Questions, in **Microsoft Word Format**, concerning this solicitation, may be e-mailed to the Division of Purchases at questions@purchasing.state.ri.us no later than the date & Time indicated on page 1 of this solicitation. Please reference the **LOI #** (listed on page 1) on all correspondence.

Responses to questions received, if any, will be provided, as an Addendum to this LOI/RFP, and posted on the Rhode Island Division of Purchases website. It is the responsibility of all interested OFFERERS to download this additional information. *If technical assistance is required to download, call the Help desk at (401) 222-2142, ext. 134.*

Letters of Interest or Requests for Proposals to provide the required services must be received by the Division of Purchases **on or before DATE AND TIME (EDT)**. Responses (a clearly marked original plus three (3) copies) should be mailed or hand-delivered in a sealed envelope marked "LOI/RFP NUMBER: **XXXXXX** to:

RI Dept. of Administration
Division of Purchases, 2nd floor
One Capitol Hill
Providence, RI 02908-5855

NOTE: Proposals received after the above-referenced due date and time will not be considered. Proposals misdirected to other State locations or which are otherwise not presented in the Division of Purchases by the scheduled due date and time will be determined to be late and may not be considered. Proposals faxed, or emailed, to the Division of Purchases will not be considered. The “official” time clock is located in the reception area for the Division of Purchases. **(Please be advised that Fedex/UPS do not always arrive by 10:30 am, you would be smart to send your submission to arrive at least one day early)**

RESPONSE CONTENTS

Responses must include the following:

- A completed and signed three-page RIVIP generated bidder certification cover sheet (downloaded from the RI Division of Purchases Internet home page at www.purchasing.state.ri.us)
- A statement of experience describing the OFFERER’S background, qualification, and experience with similar projects and all information described elsewhere in this solicitation.
- In addition to the multiple hard copies of proposals required, Respondents are requested to provide their proposal in electronic format (CDRom or Diskette). Microsoft Word / Excel OR PDF format is preferable. Only 1 electronic copy is requested.

SECTION 2 – SCOPE OF WORK

BACKGROUND AND PURPOSE

Currently Rhode Island has an inventory of 657 dams. Records have historically identified 17 high hazard dams, 41 significant hazard dams and 474 low hazard dams. One hundred twenty-five (125) dams were not historically included in the inventory and therefore did not have hazard classifications assigned to them.

The hazard classification refers to the potential for harm, downstream of the dam, if the dam fails. The historical classifications were determined in conjunction with the Army Corps of Engineers during the late 1970's to early 1980's. The additional development that has occurred throughout the state during the past two decades has in many cases been downstream of dams. The hazard classifications of the dams have not been updated to reflect this increase in development.

Since June 2003, DEM has been updating hazard classifications for all dams in the inventory. The following table explains the criteria used to determine the hazard classifications:

<u>Hazard Classification</u>	<u>Loss of Human Life</u>	<u>Economic / Lifeline Loss</u>
High	probable	not necessary
Significant	not probable	major
Low	not probable	low

The hazard classification has no relationship to the current structural integrity, operational status, flood routing capability or safety condition of the dam.

Through an initial screening process, the Dam Safety Program identified each dam whose historical hazard classification appeared to be incorrect. If the new hazard classification was not obvious to DEM, the dam was forwarded (under a previous contract) to an engineering consultant to determine the hazard classification and to complete an approximate dam failure inundation map. If the new hazard classification was obvious to DEM, the Dam Safety Program assigned it as the updated classification; however, an inundation map was not completed. There are about 81 such dams which DEM classified as either high or significant hazard. This request for LOI/RFP is to provide approximate dam failure inundation maps using engineering judgement for as many of these dams as possible.

Reports, including inundation maps, that were completed under a previous contract to hazard classify dams are available as examples for this project. The general format and type of information included in the example reports should be included in the report completed for this project (except discussion relating to selection of the hazard classification). Example reports may be obtained via e-mail by contacting Paul Guglielmino at DEM's Office of Compliance and Inspection, Dam Safety Program at (401) 222-1360, extension 7122 or at paul.guglielmino@dem.ri.gov. The National Weather Service's Simplified Dam Break model was used to complete the example reports. The OFFERER is not required to use this model; a different method of calculation may be used, provided a similar level of accuracy is attained.

GENERAL DESCRIPTION

DEM, through its Office of Compliance and Inspection, is seeking a qualified Rhode Island Professional Engineer. The selected engineer shall be required to provide all of the investigation, research and engineering to complete approximate dam failure inundation maps using engineering judgement, including a final report, for each of the dams. There are 81 dams (see Attachment 1) and \$85,824 available for this contract. DEM's objective is to have the specified work completed for as many of these dams as possible, within the limit of the budget. Dams **MUST** be selected in the order presented in Attachment 1.

PROJECT KEY COMPONENTS

The selected Engineer shall use engineering judgement to complete an approximate dam failure inundation map for each dam, in accordance with the following:

- Research available sources of data, which may include DEM's dam files and database, USGS topographic maps, FEMA maps and aerial photographs. DEM's dam files and database will be made available for review;
- The same personnel must be involved in the project from start to finish;
- The methodology used to complete the maps should be consistent with that used to complete the maps in the example reports;
- The conditions to be considered just prior to failure of a dam shall be a full pond (top of dam) and a sunny day. Precipitation or runoff into the impoundment shall not be considered for this analysis. Average stream flow conditions of about 1 to 2 cubic feet per second per square mile of drainage area shall be assumed;
- For a concrete/masonry structure, a time to failure of 0.1 hours and a rectangular breach shape with a width equal to three times the height of the dam shall be assumed;
- For an earthen structure, a time to failure of 0.5 hours and a trapezoidal breach shape (0.5 horizontal to 1.0 vertical) with an average breach width equal to three times the height of the dam shall be assumed;
- Perform a site inspection and downstream area reconnaissance. The site inspection shall include verification/estimation of dam height. An engineer from the Dam Safety Program will have the option of accompanying the selected Engineer on each site inspection and downstream area reconnaissance, for the purpose of better understanding the assumptions and judgement used in assessing the downstream conditions. The Dam Safety Program's engineer will work within the constraints of the selected Engineer's schedule;
- The manner in which the approximate inundation area is highlighted on the aerial photograph shall be such that details on the aerial photograph can still be observed;
- The aerial photograph shall be 11" x 17" or larger; and
- A draft report and a final report shall be submitted for this project.

The successful OFFERER shall be solely responsible for meeting all terms and conditions specified in the LOI/RFP, and any resulting contract. The use of any subcontractors or other vendors must receive prior approval by the State. The Rhode Island Department of Administration shall reserve the right to clarify the terms and

conditions of any proposal submitted. The OFFERER recommended for this award will be notified by the Department of Administration. A contract will be developed in cooperation with the Rhode Island State Department of Administration and the award recipient that will incorporate a final work plan and schedule.

REQUIRED FORMAT

OFFERERS are required to submit an original (**Clearly marked as “ORIGINAL”**) and three (3) copies of their Letters of Interest/Requests for Proposal in a ring binder divided into sections as described below. Failure to comply with this format will be grounds for rejecting the proposal.

EVALUATION CRITERIA

Responses will be evaluated in two parts. Part one will be based on the technical submission and will be evaluated on the following criteria:

1. Competence to perform the desired services by virtue of the experience of the OFFERER in providing similar services, and the qualifications and experience of the staff who would be assigned to perform the services (35points);
2. Ability to perform the services expeditiously, as reflected by current workload and the availability of an adequate number of personnel (25 points); and
3. Past performance, as reflected by the evaluation of customers for whom similar work has been performed, including but not limited to other state agencies, ability to meet deadlines, and control of costs (20 points).

All OFFERERS must receive a minimum score of 60 points on the technical submission. Offers not scoring at least 60 points will not be considered further.

A Technical Review Sub-Committee will review all submissions. After review, one or more OFFERERS may be invited to present to the sub-committee and answer questions. A “short list” of finalists will be developed and each finalist OFFERER will be evaluated based on the cost per dam (the number of dams selected by the OFFERER within the allotted budget of \$85,824) Dams **MUST** be selected in the order presented in Attachment 1. The cost proposal will represent 20 points for a possible total score of 100 points.

Notwithstanding the above, the State reserves the right to accept, or reject, all options, bids, or proposals, to waive any technicality, and to act in its best interest

The final ranked findings and selection recommendation will be submitted to the State’s Architectural/ Engineering Consultant Services Selection Committee, and forwarded to the Director of Administration for final selection consideration.

Part One Submission Requirements:

Experience of the OFFERER and project principals

Describe the OFFERER'S general experience as well as its experience and qualifications with projects of a similar size, scope and use. Identify the Project Manager, other consultants as well as other members of the project team. Include Standard Form 330 (**available on the Purchasing Website**) in this section.

Project Plan

This section shall describe the OFFERER'S understanding of the State's requirement, including the result(s) intended and desired, the approach and/or method to be employed, and a Work Plan for accomplishing the results proposed. The description of approach shall discuss and justify the approach proposed for each task, and the technical issues that will or may be confronted at each stage and steps taken to assure that the project conform to time and financial constraints.

OFFERER must submit a sample report, including an inundation map. The sample report shall include all information to be included in the final report. The data used to complete the sample report may be hypothetical. The OFFERER must provide supporting documentation illustrating the OFFERER'S experience with selected methodology. If the selected methodology is other than the National Weather Services's Simplified Dam Break Model, then the OFFERER must also document the similarities between the two methods and show that the selected method achieves similar accuracy.

References

Select a minimum of three projects and provide principal contacts, including all contact information for projects similar in size and scope to the proposed project. References will be contacted by members of the selection sub-committee to provide all required information. Please see evaluation criteria below relating to references.

Part Two Submission Requirements:

OFFERERS short-listed as finalists will be evaluated based on the number of dams selected for the project. This part of the submission shall state the number of dams which the OFFERER has selected for this project and shall list each dam by the state identification number. Dams **MUST** be selected in the order presented in Attachment 1.

This part of the submission shall also include a budget and narrative for the project that includes the OFFERER'S cost or fee structure for this project and the cost methodology used for all expenses related to the project and to provide justification for each line item. Any items that may represent costs outside of industry standards

should be explained. The proposal shall indicate the number and type of professionals to be employed and the hourly rate, including overhead, for each.

Provide a Work Plan description that shall include a detailed proposed project schedule (by task and sub-task), a list of tasks, activities and/or milestones that will be employed to administer the project, the assignment of staff members and concentration of effort for each and the attributable deliverables for each. Please list the level of effort to be committed to this project by each assigned staff or consultant in hours per week for the duration of the project. List the percentage of work to be completed by the OFFERER and the percentage to be completed by outside consultants.

Part one and part two submission requirements must BOTH be submitted as part of the OFFERER'S Letter of Interest.

GENERAL PLANNING REQUIREMENTS

Not applicable.

Tasks

The vendor must complete all tasks listed throughout this request within the time frame specified in the final work plan, schedule and in the resulting contract.

Deliverables

The OFFERER must provide a tentative timetable to complete the following deliverables. The OFFERER must agree to provide all deliverables by the dates established in the final work plan, the schedule in any resulting contract and the dates specified below:

- A draft report shall be completed for the project. Two (2) copies of the draft report shall be forwarded to DEM;
- A final report shall be completed for this project and submitted to DEM on or before December 8, 2006. The final report shall address DEM comments on the draft report. Three (3) hard copies and one (1) electronic copy of the final report shall be forwarded to DEM. The final report shall consist of individual reports (one for each dam). Each individual report shall be comprehensive, such that it can be separated from the other individual reports, placed in the appropriate dam file and stand on its own without further explanation required;
- At a minimum, the draft and final reports shall document the following: (1) relevant research findings; (2) assumptions; (3) calculations, including the input and output of any computer model used; (4) a list of the information utilized and copies of any documentation, as needed, to illustrate the judgement process; (5) a RIGIS (or equal) aerial photograph overlaid with the approximate inundation area; (7) the methodology used to determine the approximate inundation area; and (8) any other information used to develop the inundation map. Sufficient information should be provided to

allow future periodic reviews to easily determine if a change in downstream conditions has occurred which could warrant a change in the hazard classification; and

- The contract period shall end on December 22, 2006.

The successful vendor shall be solely responsible for meeting all terms and conditions specified in this request, their proposal and any resulting contract. Subcontracts must be approved by the State; however, it is the responsibility of the selected vendor to supervise and monitor the work performed by the subcontractor.

The successful vendor must agree to provide the contract deliverables by the dates established in the final work plan, schedule and as specified herein.

Project Continuation

At the sole option of the State, if the necessary funds become available, the successful vendor may be requested to provide similar Engineering Services for other dams in addition to those selected for this Project.

Evaluation Criteria

Experience of Agency and Project Principals –35 Points

Does the OFFERER have experience with projects of a similar size, scope and use?
Does the Project Manager and each consultant assigned to the project have the background and experience necessary for a successful project?
Are staff and consultants assigned to this project experienced with projects of similar size, scope and use?
Does the Project team appear able to incorporate program goals and criteria into their work?

Project Plan –25 Points

Did the OFFERER analyze, interpret and discuss issues presented by the project in a manner likely to meet the needs of the client and other customers and end users?
Does the proposed program and design appear sensitive to budget and time constraints?
Does the plan address relevant design and program issues?
Does the plan include a discussion of value engineering and/or applicable standards?
Does the designer identify both constraints and opportunities posed by this project?
Is the project timeline and schedule achievable (not overly optimistic or needlessly long)?
Does the sample report adequately address the goals of the project?.

References – Past Performance – 20 Points

Were the references provided of a similar size, scope and use to the proposed project?
Did the OFFERER'S final project provide a good design and program fit?

Did the OFFERER identify problems and issues in a timely and complete manner?
Were technical, budget and aesthetic issues fairly balanced with a good outcome resulting?
Did the OFFERER adequately research relevant design and program issues?
Was the OFFERER'S design process characterized by effective communication, clear graphic and verbal presentations and appropriate inclusion of all designated stakeholders?
Did the project come in on time and on cost?
Did the OFFERER contribute to overruns?
Were there an excessive number of change orders?

Budget– 20 Points

Does the OFFERER have a history of delivering projects on time and on budget?
Is the OFFERER able to make reliable cost estimates?
Does the budget submission fairly represent standard industry costs for similar projects?
Is the design proposal responsive to the established project budget?
Does the Project Manager appear able to work creatively to achieve program goals within budget constraints?
Is the staff to be assigned to the project, including a project manager, sub-contractors, engineers and others, identified including FTE and/or hourly effort? Does the level of effort for each appear adequate?
Does staffing and hours projected by each assigned staff correspond with the schedule?

Attachment 1

STATE ID	DAM NAME	TOWN	RIVER	LATITUDE	LONGITUDE	HAZARD
077	DIAMOND HILL RESERVOIR	CUMBERLAND	BURNT SWAMP BROOK	41.98958971	-71.39688877	HIGH
585	EASTON POND SOUTH	NEWPORT / MIDDLETOWN	BAILEY BROOK	41.49049376	-71.28682711	HIGH
285	LANGWORTHY POND	HOPKINTON	BRUSHY BROOK - TR	41.50828552	-71.71837617	HIGH
010	MAPLEVILLE POND	BURRILLVILLE	CHEPACHET RIVER	41.94935606	-71.64486699	HIGH
462	CAMP WARWICK POND	WARWICK	HARDIG BROOK - TR	41.69378279	-71.49636073	HIGH
349	SPEAR POND	FOSTER	HEMLOCK BROOK	41.80401991	-71.72848512	HIGH
527	METCALF WILDLIFE MARSH	EXETER	LOCKE BROOK	41.5571251	-71.73449702	HIGH
147	RIVERPOINT POND UPPER	WEST WARWICK	PAWTUXET RIVER - SOUTH BRANCH	41.71281433	-71.51645666	HIGH
382	AUSTIN UPPER POND	EXETER	ROARING BROOK	41.59568025	-71.66581731	HIGH
221	BROWNING MILL POND	EXETER	ROARING BROOK	41.55834581	-71.69290925	HIGH
525	HEFLER FARM POND	SOUTH KINGSTOWN	ROCKY BROOK	41.45475768	-71.50299072	HIGH
425	WAKEFIELD POND	SOUTH KINGSTOWN	SAUGATUCKET RIVER	41.43733978	-71.50142673	HIGH
446	BLACKSTONE VALLEY SEWER COMM. PD.	EAST PROVIDENCE	SEEKONK RIVER - TR	41.85192487	-71.36568445	HIGH
236	GLEN ROCK RESERVOIR	SOUTH KINGSTOWN	USQUEPAUG RIVER	41.50386046	-71.60816958	HIGH
261	WHITE'S POND	RICHMOND	WHITE BROOK	41.47037886	-71.66939549	HIGH
621		WOONSOCKET		42.0037	-71.47858	HIGH
649		LINCOLN		41.91206	-71.46078	HIGH
708		NORTH KINGSTOWN		41.53373	-71.46357	HIGH
742		TIVERTON		41.63739	-71.20396	HIGH
081	ROBIN HOLLOW POND	CUMBERLAND	ABBOTT RUN	41.91420746	-71.38421628	SIGNIFICANT
550	HAMILTON RESERVOIR DAM	NORTH KINGSTOWN	ANNAQUATUCKET RIVER	41.55018617	-71.44106291	SIGNIFICANT
559	GORTON POND	WARWICK	APPONAUG BROOK	41.7006607	-71.46073916	SIGNIFICANT
232	TUG HOLLOW POND	RICHMOND	BEAVER RIVER	41.5599327	-71.64636989	SIGNIFICANT
495	MANNI FARM POND	COVENTRY	BIG RIVER - TR	41.67254638	-71.6182098	SIGNIFICANT
227	ASHVILLE POND	HOPKINTON	BLUE POND BROOK	41.49976351	-71.75112154	SIGNIFICANT
287	LONG POND	HOPKINTON	BLUE POND BROOK	41.50665665	-71.76535033	SIGNIFICANT
396	NONQUIT POND	TIVERTON	BORDEN BROOK	41.55345918	-71.19700621	SIGNIFICANT
363	DUCK POND	SCITUATE	BRANDY BROOK	41.80993272	-71.56459046	SIGNIFICANT
469	FROSTY HOLLOW POND	EXETER	BREAKHEART BROOK	41.58738707	-71.7092056	SIGNIFICANT
440	HOXIE FARM POND	HOPKINTON	CANONCHET BROOK - TR	41.479084	-71.7509613	SIGNIFICANT
281	CAPWELL MILL POND	WEST GREENWICH	CARR RIVER	41.64339065	-71.60762791	SIGNIFICANT
183	TARBOX POND	WEST GREENWICH	CARR RIVER	41.63638304	-71.57351685	SIGNIFICANT
279	INDIAN CEDAR SWAMP	CHARLESTOWN	CEDAR SWAMP BROOK	41.43037414	-71.66471863	SIGNIFICANT
021	CHERRY VALLEY POND	GLOCESTER	CHEPACHET RIVER	41.87384416	-71.67400355	SIGNIFICANT
565	ROSS POND	BURRILLVILLE	CLEAR RIVER - TR	41.96374895	-71.71854395	SIGNIFICANT
542	KEEBLER FARM POND	SCITUATE	COLVIN BROOK - TR	41.74472045	-71.58946995	SIGNIFICANT
201	TILLINGHAST POND	WEST GREENWICH	CONEY BROOK	41.64912795	-71.75881958	SIGNIFICANT
182	MONEY SWAMP POND	EXETER	CONGDON RIVER	41.59348677	-71.61532591	SIGNIFICANT
575	JAMESTOWN LOWER RESERVOIR	JAMESTOWN	JAMESTOWN BROOK	41.51107408	-71.38166812	SIGNIFICANT
574	JAMESTOWN RESERVOIR	JAMESTOWN	JAMESTOWN BROOK	41.52965926	-71.37449645	SIGNIFICANT
479	WARREN RESERVOIR LOWER	WARREN	KICKAMUIT RIVER	41.72966768	-71.26305392	SIGNIFICANT
480	WARREN RESERVOIR UPPER	WARREN	KICKAMUIT RIVER	41.73991775	-71.25926208	SIGNIFICANT

STATE ID	DAM NAME	TOWN	RIVER	LATITUDE	LONGITUDE	HAZARD
581	ST MARYS POND	PORTSMOUTH	LAWTON VALLEY BROOK	41.554451	-71.27327729	SIGNIFICANT
726	BOWDISH LOWER	GLOCESTER	MARY BROWN BROOK	41.92377	-71.78228	SIGNIFICANT
432	GALE FARM POND LOWER	EAST GREENWICH	MASKERCHUGG RIVER - TR	41.65644835	-71.47932436	SIGNIFICANT
513	CARR POND	NORTH KINGSTOWN	MATTATUXET RIVER	41.52027893	-71.44455717	SIGNIFICANT
378	MCCUSTER POND LOWER	COVENTRY	MCCUSTER BROOK	41.69455719	-71.68342595	SIGNIFICANT
379	MCCUSTER POND UPPER	COVENTRY	MCCUSTER BROOK	41.69277954	-71.6856842	SIGNIFICANT
273	WOOD RIVER JUNCTION	RICHMOND	MEADOW BROOK	41.43787383	-71.69108577	SIGNIFICANT
535	DI MARTINO FARM POND	WEST WARWICK	MESHANTICUT BROOK	41.72866441	-71.50219732	SIGNIFICANT
222	MOSCOW POND	HOPKINTON	MOSCOW BROOK	41.52378464	-71.74188996	SIGNIFICANT
225	WINCHECK POND	HOPKINTON	MOSCOW BROOK	41.52031327	-71.76230622	SIGNIFICANT
360	HORSESHOE	SCITUATE	PAWTUXET RIVER - NORTH BRANCH	41.83301924	-71.59352877	SIGNIFICANT
383	PECKHAM POND #1	GLOCESTER	PECKHAM BROOK	41.86589428	-71.69812013	SIGNIFICANT
310	POCASSET POND	JOHNSTON	POCASSET RIVER	41.82574082	-71.50646211	SIGNIFICANT
218	AUSTIN FARM POND	EXETER	ROARING BROOK	41.59354783	-71.66745763	SIGNIFICANT
116	HOPKINS POND	SMITHFIELD	SLACK RESERVOIR BROOK	41.87094115	-71.55189513	SIGNIFICANT
243	DOLLY POND	EXETER	SODOM BROOK	41.56591032	-71.57492828	SIGNIFICANT
594	DAVID KING FARM POND	GLOCESTER	SPRING GROVE BROOK	41.90028762	-71.6494598	SIGNIFICANT
032	SNAKESKIN POND	GLOCESTER	SPRING GROVE BROOK	41.92057423	-71.65752414	SIGNIFICANT
024	SHINGLE MILL POND UPPER	GLOCESTER	STINGO BROOK - TR	41.90237426	-71.68565368	SIGNIFICANT
381	SUCKER BROOK BRIDGE POND	GLOCESTER	SUCKER BROOK	41.9260521	-71.66965488	SIGNIFICANT
051	NICHOLS POND	BURRILLVILLE	TARKILN BROOK	41.95553211	-71.599678	SIGNIFICANT
089	GENEVA POND	PROVIDENCE	WEST RIVER	41.85647585	-71.44393155	SIGNIFICANT
511	PECK FARM POND	SCITUATE	WILBUR HOLLOW BROOK - TR	41.76291277	-71.6402435	SIGNIFICANT
532	MT. TOM WILDLIFE MARSH	EXETER	WOODY HILL BROOK	41.55828474	-71.73459621	SIGNIFICANT
570	ECHO LAKE	BARRINGTON		41.73331	-71.33409	SIGNIFICANT
600	MOWRY MEADOW	GLOCESTER		41.8970444	-71.79459315	SIGNIFICANT
652	RAINBOW LOWER	JAMESTOWN		41.54533	-71.36784	SIGNIFICANT
703	SANDHILL	NORTH KINGSTOWN		41.61943	-71.45616	SIGNIFICANT
704	SECRET LAKE	NORTH KINGSTOWN		41.55709	-71.47262	SIGNIFICANT
629		SMITHFIELD		41.88554	-71.51544	SIGNIFICANT
638		BURRILLVILLE		41.95611	-71.71608	SIGNIFICANT
640		FOSTER		41.77563	-71.77306	SIGNIFICANT
675		EAST GREENWICH		41.66187	-71.51203	SIGNIFICANT
691		FOSTER		41.74791	-71.7479	SIGNIFICANT
695		WEST GREENWICH		41.63705	-71.70229	SIGNIFICANT
713		EAST GREENWICH		41.62066	-71.53667	SIGNIFICANT
733		NARRAGANSETT		41.43406	-71.47011	SIGNIFICANT
738		JAMESTOWN		41.55054	-71.37606	SIGNIFICANT
739		JAMESTOWN		41.55225	-71.38216	SIGNIFICANT