

QUARTERLY PROGRESS REPORT

July 1, 2003

Illinois Department of Natural Resources
***Blackberry Creek Watershed
Alternative Futures Analysis Project***

Project Name: Blackberry Creek Watershed Alternative Futures Analysis
Contacts: John Marshall, IDNR- Office of Realty and Environmental
Planning
Kenneth N. Anderson, Jr., Kane County Department of
Environmental Management

Summary of Activities Occurring Through Reporting Period April 1, 2003 to June 30, 2003

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members and Mailing Lists
- Three Design Team Meetings
- Meeting Agendas and Minutes

Task Progress:

This task is complete

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Maps depicting information relevant to template and scenarios development process
- Memorandum documenting data collected

Task Progress:

This task is complete

Task 4 – Develop Templates and Scenarios

Work Products Completed:

- Three workshops to develop templates and scenarios
- Mailing lists, agendas, and minutes from workshops.
- Written description of template and scenario identification process (part of project report)
- Written and graphic characterization of draft and final templates (part of project report)
- Written and graphic characterization of draft and final scenarios including a watershed map indicating differences in the arrangement of templates (part of project report)

Task Progress:

During the progress report period, the Scenario maps were completed and text and graphics describing the methods of developing the Conservation Scenario were completed and incorporated into the project report and PowerPoint presentation.

This task is complete.

Task 5 – Review of Evaluation Methodology

Work Products Completed:

- Participate in Evaluation Team Meetings

Task Progress:

This task is complete

Task 6 – Review of Template Modeling and Evaluation Results

Work Products Completed:

- Review of hydrologic modeling results
- Assistance to identify template hydrologic and water quality characteristics
- Assistance to the Evaluation Team for developing understandable methods of presenting results

Task Progress:

During the progress report period, the Design and Evaluation Teams worked together to understand the implications of the modeling results and prepare graphics and tables to present the results.

This task is complete.

Task 7 – Review of Scenario Analysis Results

Work Products Completed:

- Review of hydrologic modeling results

- Assistance to identify scenario hydrologic and water quality characteristics
- Assistance to the Evaluation Team for developing understandable methods of presenting results

Task Progress:

During the progress report period, the Design and Evaluation Teams worked together to understand the implications of the modeling results and prepare graphics and tables to present the results. This task is complete.

Task 8 – Present Results

Work Products Completed:

- Conservation Design booklet describing the characteristics and benefits of the preferred templates and scenarios.
- Participate in community workshop

Task Progress:

During the progress report period, a comprehensive project report that includes both booklets of the templates as well as an overall description of the project methods and results was completed as a draft report. The Team participated in two community workshops – one in May and one in June. A final report is being prepared.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete.

Task 2 – Assemble and Coordinate Evaluation Team

Work Products Completed:

- Recommended and accepted Evaluation Team members and Mailing Lists
- Four Team Meetings
- Meeting Agendas and Minutes

Task Progress:

This task is complete.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Meteorologic and Precipitation database
- Biological database

Task Progress:

MBI data was received from IEPA and a comparison to stream flow statistics completed. Unfortunately, the analysis did not indicate the level of correlation that was hoped for. A memo documenting the analysis is being prepared.

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

- Participate in workshops

Task Progress:

This task is complete

Task 5 – Develop Evaluation Methodology

Work Products Completed:

- Evaluation Team Meetings
- Mailing lists, agendas, and minutes from meetings
- Selection of Hydrologic and Water Quality Indicators
- Documentation of metrics used and how they relate to the hydrologic, water quality, and biological health of the watershed (incorporated into project report)

Task Progress:

During the progress report period, documentation of the watershed evaluation metrics was completed.

This task is complete.

Task 6 – Template Modeling and Evaluation

Work Products Completed:

- Summary of hydrologic, water quality, and habitat benefits of wetland and stream corridor templates
- Hydrologic models representing 10 upland templates (thirteen HSPF models were actually prepared to allow modeling of the watershed)
- Characterization of hydrologic differences between 10 upland template land uses in terms determined to be important for protection and restoration of aquatic habitat
- Documentation of modeling results (memo and incorporated into project report)

Task Progress:

During this progress report period, modeling of all the templates was completed and results summarized both as memos and as part of the project reports. It was agreed that it was not necessary to perform pollutant analysis and that additional models, the MBI correlation analysis, and the increase in report size were acceptable substitutes for the loading analysis.

This task is complete.

Task 7 – Watershed/Subwatershed Scenario Analysis

Work Products Completed:

- Summary of land use differences between scenarios.
- Analysis of hydrologic impacts of three scenarios
- Written characterization of hydrologic differences between scenarios in terms determined to be important for protection and restoration of aquatic habitat
- Documentation of results

Task Progress:

During the progress report period, the translation between scenario land uses and the HSPF model land uses were completed as well as the hydrologic modeling.

The results were summarized in a memo and included in the project report. It was agreed that it was not necessary to perform pollutant analysis and that additional models, the MBI correlation analysis, and the increase in report size were acceptable substitutes for the loading analysis. This task is complete.

Task 8 – Present Results

Work Products Completed:

- Summary of modeling results appropriate for depicting conservation benefits to as wide audience to be included in Design Team Prepared conservation design booklet (a booklet and a comprehensive project report were prepared.
- Participate in community workshop (two workshops were attended).

Task Progress:

During the progress report period, a draft report was completed and comments are being incorporated into a final version of the report.

Community Involvement Team

Work Products Completed:

- Coordinate stakeholder input

Task Progress:

Plan, prepare for, and hold May 7 formal watershed-wide presentation of project product to watershed stakeholders and broader Kane County municipal community. Conduct follow-up with attendees. Plan, prepare for and hold workshop on June 11.

- Review and Evaluate Team products

Task Progress:

Provide input on packaging of template drafts to Design Team. Edit project report.

- Build Awareness with Watershed Community

Task Progress:

Work with individual communities to promote awareness and acceptance of Project. Schedule local community meeting. Prepare for use of project product in Fox River watershed.

QUARTERLY PROGRESS REPORT

April 1, 2003

Illinois Department of Natural Resources

Blackberry Creek Watershed

Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis

Contacts: John Marshall, IDNR- Office of Realty and Environmental Planning

Kenneth N. Anderson, Jr., Kane County Department of Environmental Management

Summary of Activities Occurring Through Reporting Period January 1, 2003 to March 31, 2003

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members and Mailing Lists
- Three Design Team Meetings
- Meeting Agendas and Minutes

Task Progress:

This task is complete

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Maps depicting information relevant to template and scenarios development process
- Memorandum documenting data collected

Task Progress:

This task is complete

Task 4 – Develop Templates and Scenarios

Work Products Completed:

- Three workshops to develop templates and scenarios
- Mailing lists, agendas, and minutes from workshops.
- Written and graphic characterization of draft and final templates

Task Progress:

The final touches are being put on the Scenario maps.

Task 5 – Review of Evaluation Methodology

Work Products Completed:

- Participate in Evaluation Team Meetings

Task Progress:

This task is complete

Task 6 – Review of Template Modeling and Evaluation Results

Work Products Completed:

Task Progress:

The Design Team has been reviewing preliminary results and discussing ways to present results.

Task 7 – Review of Scenario Analysis Results

Work Products Completed:

Task Progress:

The Design Team has been reviewing preliminary results and discussing ways to present results. The Design Team has also been assisting in data manipulation for biologic to hydrologic relationships.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

We have agreed on a report outline with EPA, IDNR, and Kane County. We are currently working on the draft project report. A combined design and evaluation report will be prepared.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:
This task is complete.

Task 2 – Assemble and Coordinate Evaluation Team

Work Products Completed:

- Recommended and accepted Evaluation Team members and Mailing Lists
- Four Team Meetings
- Meeting Agendas and Minutes

Task Progress:
This task is complete.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Meteorologic and Precipitation database
- Biological database

Task Progress:
MBI data was received from IEPA and we have nearly completed associated data collection sites with the appropriate streamflow gages. Upon completion of that association, a comparison to streamflow metrics to determine correlation between biological health and stream hydrology will be completed.

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

- Participate in workshops

Task Progress:
This task is complete

Task 5 – Develop Evaluation Methodology

Work Products Completed:

- Evaluation Team Meetings
- Mailing lists, agendas, and minutes from meetings
- Selection of Hydrologic and Water Quality Indicators

Task Progress:
Evaluation indicators have been developed and discussed at Team meetings. The only remaining item under this task is to prepare and distribute written documentation of the indicators to be used.

Task 6 – Template Modeling and Evaluation

Work Products Completed:

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Task Progress:
Modeling has continued through this period. Modeling of the commercial and lower density residential templates is essentially complete. The moderate density residential modeling is continuing.

Task 7 – Watershed/Subwatershed Scenario Analysis

Work Products Completed:

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Task Progress:

We have obtained HSPF watershed models from USGS and are associating our template land covers to the USGS subbasins based on the agreed upon Scenario maps.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

We are currently working on the Draft project report

Community Involvement Team

Work Products Completed:

- Newsletter
- Review Evaluation and Design Team Products
- Coordinate Stakeholder Input

Task Progress:

Coordinate stakeholder input

Task Progress:

Plan and prepare for May 7 formal watershed-wide presentation of project product to watershed stakeholders and broader Kane County municipal community.

Review and Evaluate Team products

Task Progress:

Provide input on packaging of template drafts to Design Team.

Build Awareness with Watershed Community

Task Progress:

Work with individual communities to promote awareness and acceptance of Project. Held small introductory presentations and one-on-one meetings.

QUARTERLY PROGRESS REPORT

January 1, 2003

Illinois Department of Natural Resources

Blackberry Creek Watershed

Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis

Contact: Kenneth N. Anderson, Jr., Kane County Department of Environmental Management

Summary of Activities Occurring Through Reporting Period

October 1, 2002 thru December 31, 2002

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members and Mailing Lists
- Three Design Team Meetings
- Meeting Agendas and Minutes

Task Progress:

A mini team meeting was held with USEPA and IDNR to review the draft

scenario map.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Maps depicting information relevant to template and scenarios development process
- Memorandum documenting data collected

Task Progress:

This task is complete

Task 4 – Develop Templates and Scenarios

Work Products Completed:

- Three workshops to develop templates and scenarios
- Mailing lists, agendas, and minutes from workshops.
- Written and graphic characterization of draft and final templates

Task Progress:

The final templates booklets have been completed except for the evaluation results to be added to the last page. This will be done under the evaluation contract.

The draft conservation and conventional scenarios were distributed August 1, 2002. Along with the scenarios was distributed a description of the process to generate the scenarios.

The final scenarios, along with a poster documenting the process, will be completed during the next quarter.

Task 8 – Present Results

Work Products Completed:

-

Task Progress:

The template booklets are complete except for the results of the evaluation. The poster described under Task 4 will present the scenario results and benefits.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete.

Task 2 – Assemble and Coordinate Evaluation Team

Work Products Completed:

- Recommended and accepted Evaluation Team members and Mailing

- Lists
- Four Team Meetings
- Meeting Agendas and Minutes

Task Progress:

An Evaluation Team meeting was held December 17 to review preliminary results of evaluation work and to discuss outreach strategies.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Meteorologic and Precipitation database
- Biological database

Task Progress:

MBI data is being collected for comparison to streamflow metrics to determine correlation between biological health and stream hydrology.

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

- Participate in workshops

Task Progress:

This task is complete

Task 5 – Develop Evaluation Methodology

Work Products Completed:

- Evaluation Team Meetings
- Mailing lists, agendas, and minutes from meetings
- Selection of Hydrologic and Water Quality Indicators

Task Progress:

Evaluation indicators have been developed and discussed at Team meetings. The only remaining item under this task is to prepare and distribute written documentation of the indicators to be used.

Task 6 – Template Modeling and Evaluation

Work Products Completed:

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Task Progress:

Research was conducted to determine hydrologic behavior of green roofs, porous pavement, bioswales, and native vegetation and methods of modeling that behavior. Template models have been developed for the conservation and conventional commercial templates and preliminary models developed for the three residential templates (both conventional and conservation). Research is being conducted to identify data on hydrologic and water quality benefits of various farming practices.

Task 7 – Watershed/Subwatershed Scenario Analysis

Work Products Completed:

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Task Progress:

The TQmean streamflow metric has been calculated for relevant streams in northeastern Illinois and correlation analysis comparing IBI data to TQmean values are being performed. Preliminary results do not show strong correlation between IBI and TQmean. Coordination with USGS to obtain watershed model for insertion of template models to assess watershed impact of template models.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

Community Involvement Team

Work Products Completed:

- Coordinate stakeholder input

Task Progress:

Strategize with team players

- Review and Evaluate Team products

Task Progress:

Provided review and comments of template drafts to Design Team.

- Build Awareness with Watershed Community

Task Progress:

Provided Blackberry Implementation Council with illustrations and draft template product generated by Design Team.

QUARTERLY PROGRESS REPORT

October 1, 2002

Illinois Department of Natural Resources
Blackberry Creek Watershed
Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis

Contacts: Bill White, IDNR- Office of Realty and Environmental
Planning
Kenneth N. Anderson, Jr., Kane County Department of
Environmental Management

Summary of Activities Occurring Through Reporting Period

July 1, 2002 thru September 30, 2002

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members and Mailing Lists
- Three Design Team Meetings

- Meeting Agendas and Minutes

Task Progress:

A mini team meeting was held with USEPA and IDNR to review the draft scenario map.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Maps depicting information relevant to template and scenarios development process

Task Progress:

All the data has been collected, including soils, wetlands, hydric soils, and existing and future land use. The only remaining task is to prepare a memorandum documenting the data collection and layers.

Task 4 – Develop Templates and Scenarios

Work Products Completed:

- Three workshops to develop templates and scenarios
- Mailing lists, agendas, and minutes from workshops.
- Written and graphic characterization of draft and final templates

Task Progress:

The final templates booklets have been completed except for the evaluation results to be added to the last page. This will be done under the evaluation contract.

The draft conservation and conventional scenarios were distributed August 1, 2002. Along with the scenarios was distributed a description of the process to generate the scenarios.

The final scenarios, along with a poster documenting the process, will be completed during the next quarter.

Task 8 – Present Results

Work Products Completed:

-

Task Progress:

The template booklets are complete except for the results of the evaluation. The poster described under Task 4 will present the scenario results and benefits.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:
This task is complete.

Task 2 – Assemble and Coordinate Evaluation Team

Work Products Completed:

- Recommended and accepted Evaluation Team members and Mailing Lists
- Three Team Meetings
- Meeting Agendas and Minutes

Task Progress:
A mini team meeting was held with USEPA and IDNR to review the draft scenario map.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

- Meteorologic and Precipitation database
- Biological database

Task Progress:
Collected IBI data is being compared to measured streamflow data to determine correlation between biological indicators and hydrologic indicators

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

- Participate in workshops

Task Progress:
This task is complete

Task 5 – Develop Evaluation Methodology

Work Products Completed:

- Evaluation Team Meetings
- Mailing lists, agendas, and minutes from meetings
- Selection of Hydrologic and Water Quality Indicators

Task Progress:
Evaluation indicators have been developed and discussed at Team meetings. The only remaining item under this task is to prepare and distribute written documentation of the indicators to be used.

Task 8 – Present Results

Work Products Completed:

-

Task Progress:

Community Involvement Team

Work Products Completed:

- Coordinate stakeholder input

Task Progress:

Strategize with team players

- Review and Evaluate Team products

Task Progress:

Provided review and comments of template drafts to Design Team.

- Build Awareness with Watershed Community

Task Progress:

Provided Blackberry Implementation Council with illustrations and draft template product generated by Design Team.

QUARTERLY PROGRESS REPORT

July 1, 2002

Illinois Department of Natural Resources

Blackberry Creek Watershed

Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis

Contacts: Bill White, IDNR- Office of Realty and Environmental Planning
Kenneth N. Anderson, Jr., Kane County Department of Environmental Management

Summary of Activities Occurring Through Reporting Period

April 1, 2002 thru June 30, 2002

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members and Mailing Lists
- Two Design Team Meetings
- Meeting Agendas and Minutes

Task Progress:

A joint Design and Evaluation Team meeting was conducted May 2, 2002. Meeting notes were prepared and distributed.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

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Task Progress:

A revised hydric soils layer was obtained from the County.

Task 4 – Develop Templates and Scenarios

Work Products Completed:

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Task Progress:

CDF has nearly completed final draft templates. These will be completed during the month of July. CDF has worked with project partners, including the Kane County Development Department to identify final design scenarios. Those scenarios will be current conditions, a conservation scenario, which is the Kane County 2020 plan with modifications to include additional drainage and wetland corridors, and a conventional scenario, which is the Kane County 2020 plan with the Municipal comprehensive plans overlaid on the County plan within the municipal 1.5 mile jurisdiction. GIS maps depicting the scenarios are nearly complete and graphics representing the concept behind the scenarios are being developed.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

CDF provided copies of templates and other project graphics to Conservation Foundation and City of Aurora for use in their Western Corridor Plan.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete.

Task 2 – Assemble and Coordinate Evaluation Team

Work Products Completed:

- Recommended and accepted Evaluation Team members and Mailing Lists
- Evaluation Team Meeting
- Meeting Agendas and Minutes

Task Progress:

A joint Design and Evaluation Team meeting was conducted May 2, 2002.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

-

Task Progress:

IBI data was received from IDNR and streamflow data is being collected to perform correlation analysis between streamflow statistics and IBI to help evaluate scenarios and templates.

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

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Task Progress:

Worked with Design Team to update draft templates.

Task 5 – Develop Evaluation Methodology

Work Products Completed:

- Evaluation Team Meeting
- Selection of Hydrologic and Water Quality Indicators

Task Progress:

Task 8 – Present Results

Work Products Completed:

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Task Progress:

Community Involvement Team

Work Products Completed:

- Coordinate stakeholder input

Task Progress:

Planned and completed a workshop with team leaders and IDNR liaison to strategize regarding the delivery of product to local stakeholders.

- Review and Evaluate Team products

Task Progress:

Provided review and comments of template drafts to Design Team.

- Build Awareness with Watershed Community

Task Progress:

Provided Blackberry Implementation Council with illustrations and draft template product generated by Design Team. Worked to incorporate these principles into municipalities' master plan in Blackberry watershed.

QUARTERLY PROGRESS REPORT

April 1, 2002

Illinois Department of Natural Resources
Blackberry Creek Watershed
Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis
Contacts: Bill White, IDNR- Office of Realty and Environmental Planning
Kenneth N. Anderson, Jr., Kane County Department of
Environmental Management

Summary of Activities Occurring Through Reporting Period January 1, 2002 thru March 31, 2002

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members and mailing lists
- Two Design Team meetings
- Meeting agendas and minutes

Task Progress:

A joint Design and Evaluation Team meeting was conducted December 12, 2001. Meeting notes were prepared and distributed.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

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Task Progress:

Watershed boundary, subbasin, and land cover maps were obtained from USGS to be used in scenario development. TNC's biodiversity inventory was also obtained.

Task 4 – Develop Templates and Scenarios

Work Products Completed:

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Task Progress:

CDF met with Kane County Development Department and USEPA to review the templates and discuss potential scenarios. From

this meeting, additional templates were identified to correspond with the Estate Residential classification in their 2020 Land Resource Management Plan. CDF is completing the new templates and making final changes to existing templates. It was agreed that the scenarios also need to correspond with the land use plan in their 2020 plan.

CDF has been working with USEPA to identify scenarios to be represented.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

A presentation was made to the Watershed Academy in Urbana, Illinois at the request of IDNR.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete.

Task 2 – Assemble and Coordinate Evaluation Team

Work Products Completed:

- Recommended and accepted Evaluation Team members and mailing lists
- Evaluation Team meeting
- Meeting agendas and minutes

Task Progress:

Task 3 – Site Inventory and Data Collection

Work Products Completed:

.

Task Progress:

IBI data was requested from IDNR that will be correlated with streamflow statistics to help evaluate scenarios and templates.

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

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Task Progress:

Worked with Design Team to update draft templates.

CDF has been working with USEPA (Rich Sumner & others) on template allocation methods to develop scenarios.

Task 5 – Develop Evaluation Methodology

Work Products Completed:

- Evaluation Team Meeting
- Selection of Hydrologic and Water Quality Indicators

Task Progress:

Went to Seattle to meet with King County, University of Washington, and USEPA folks to discuss evaluation methods. A metric was (Tqmean) was identified that should help us make a link between hydrology and biology.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

A presentation was made for the Watershed Academy for IDNR.

Community Involvement Team

Work Products Completed:

- Coordinate stakeholder input

Task Progress:

Planned upcoming workshop with Team Leaders and DNR liaison to strategize process for stakeholder review of current product.

- Review and Evaluate Team products

Task Progress:

Provided review and comments of current product drafts to Design Team.

- Build Awareness with Watershed Community

Task Progress:

Provided municipality with illustrations generated by Design Team to educate stakeholders on Conservation Design. Worked to incorporate these principles into their master plan in Blackberry Creek Watershed.

QUARTERLY PROGRESS REPORT

January 1, 2002

Illinois Department of Natural Resources
Blackberry Creek Watershed
Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis

Contacts: Bill White, IDNR- Office of Realty and Environmental Planning
Kenneth N. Anderson, Jr., Kane County Department of Environmental Management

Summary of Activities Occurring Through Reporting Period October 1, 2001 to January 1, 2002

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members and Mailing Lists
- Two Design Team Meetings
- Meeting Agendas and Minutes

Task Progress:

A joint Design and Evaluation Team meeting was conducted December 12, 2001. Meeting notes were prepared and distributed.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

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Task Progress:

A watershed tour was conducted October 23, 2001. GIS data from Kane and Kendall Counties has been gathered and is being compiled for use in the modeling and analysis portions of this project. Maps were produced showing ADID wetlands, floodplains, hydric soils, and municipal boundaries.

Task 4 – Develop Templates and Scenarios

Work Products Completed:

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Task Progress:

Revised draft templates were prepared and presented at a second Design Team workshop. The templates have been prepared in the form of booklets illustrating the characteristics and differences between the conventional and conservation templates. Data to be used in Scenario development was presented in map for to the Design Committee and the form of the scenarios is nearly determined.

CDF has been working with USEPA (Rich Sumner & others) on template allocation methods to develop scenarios.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

A presentation was made to the Blackberry Creek Planning Committee on the status of the project.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meetings with project teams
- Project outline with goals & objectives
- Project schedule

Task Progress:

This task is complete

Task 2 – Assemble and Coordinate Evaluation Team

Work Products Completed:

- Recommended and accepted Evaluation Team members and Mailing Lists
- Evaluation Team Meeting
- Meeting Agendas and Minutes

Task Progress:

A joint Design and Evaluation Team meeting was conducted December 12, 2001. Meeting notes were prepared and distributed.

Task 3 – Site Inventory and Data Collection

Work Products Completed:

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Task Progress:

A watershed tour was conducted October 23, 2001. CDF is coordinating with USGS to obtain watershed modeling data.

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

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Task Progress:

Worked with Design Team to update draft templates. Participated in Design Team workshops.

Have been working with USEPA (Rich Sumner & others) to develop template characteristics and allocations for scenarios.

Task 5 – Develop Evaluation Methodology

Work Products Completed:

- Evaluation Team Meeting
- Selection of Hydrologic and Water Quality Indicators

Task Progress:

Conducted Evaluation Team workshop and a number of telephone conference calls to discuss evaluation indicators. Evaluation indicators were discussed and agreed to at the Evaluation Team workshop.

Task 8 – Present Results

Work Products Completed:

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Task Progress:

A presentation was made to the Blackberry Creek Planning Committee on the status of the project.

Community Involvement Team

Work Products Completed:

- Newsletter
- Review Evaluation and Design Team Products
- Coordinate Stakeholder Input

Task Progress:

Watershed Manager coordinated and attended meeting of design team and community stakeholders. Project progress presented to the design team and community stakeholders. Attended watershed tour of possible sites for restoration. Participated in meeting of all three teams to develop project products for community leaders to review.

QUARTERLY PROGRESS REPORT

October 1, 2001

Illinois Department of Natural Resources
Blackberry Creek Watershed
Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis

Contacts: Bill White, IDNR- Office of Realty and Environmental Planning
Kenneth N. Anderson, Jr., Kane County Department of Environmental Management

Summary of Activities Occurring Through Reporting Period

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meet with project teams
- Project outline

Task Progress:

This task is nearly complete with the exception of the project schedule

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members

Task Progress:

A membership list of Design Team members was coordinated with USEPA, Kane County, and IDNR. An Email list has been developed and is used to distribute information.

Task 4 – Develop Templates and Scenarios

Work Products Completed:

-

Task Progress:

Draft templates were prepared and presented at a Design Team workshop. The relationship between templates and scenarios and the character of the scenarios is beginning to be addressed.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meet with project team leaders
- Project outline

Task Progress:

This task is nearly complete with the exception of the project schedule

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

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Task Progress:

Worked with Design Team to develop draft templates. Participated in Design Team workshops.

Community Involvement Team

Work Products Completed:

- Newsletter
- Review Evaluation and Design Team Products
- Coordinate Stakeholder Input

Task Progress:

Scope of work developed, contract negotiated, and contract executed between Conservation Foundation and Kane County. Pre-contract meetings coordinated with community stakeholders and attended, and first Design Team meeting coordinated with community stakeholders and attended. Facilitated stakeholder input to template design.

QUARTERLY PROGRESS REPORT

July 1, 2001

Illinois Department of Natural Resources
Blackberry Creek Watershed
Alternative Futures Analysis Project

Project Name: Blackberry Creek Watershed Alternative Futures Analysis

Contacts: Bill White, IDNR- Office of Realty and Environmental Planning
Karen Kosky, Kane County Environmental Management Department

Summary of Activities Occurring Through Reporting Period

Sub-Grant Coordinator

Work Products Completed:

- Team Scopes of Work
- Team Work Plans
- GIS data delivery to Teams

Task Progress:

Scopes of work developed, contracts negotiated, and contracts executed between IDNR and Kane County, and Kane County and Subcontractors. Pre-contract meetings coordinated and attended, and first Design Team meeting coordinated and attended. GIS data delivery coordinated between Kane County GIS Department, United States Geological Survey, and Design and Evaluation Teams.

Design Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meet with project teams
- Project outline

Task Progress:

This task is nearly complete with the exception of the project schedule

Task 2 – Assemble and Coordinate Design Team

Work Products Completed:

- Recommended and accepted Design Team members

Task Progress:

A membership list of Design Team members was coordinated with USEPA, Kane County, and IDNR. An Email list has been developed and is used to distribute information.

Task 4 – Develop Templates and Scenarios

Work Products Completed:

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Task Progress:

Draft templates were prepared and presented at a Design Team workshop. The relationship between templates and scenarios and the character of the scenarios is beginning to be addressed.

Evaluation Team

Task 1 – Project Organization Meetings

Work Products Completed:

- Meet with project team leaders
- Project outline

Task Progress:

This task is nearly complete with the exception of the project schedule

Task 4 – Assist in Developing Templates and Scenarios

Work Products Completed:

- .

Task Progress:

Worked with Design Team to develop draft templates. Participated in Design Team workshops.

Community Involvement Team

Work Products Completed:

- Newsletter
- Review Evaluation and Design Team Products
- Coordinate Stakeholder Input

Task Progress:

Scope of work developed, contract negotiated, and contract executed between Conservation Foundation and Kane County. Pre-contract meetings coordinated with community stakeholders and attended, and first Design Team meeting coordinated with community stakeholders and attended. Facilitated stakeholder input to template design.