APPROVED JURISDICTIONAL DETERMINATION FORM  
U.S. Army Corps of Engineers

JD Status: DRAFT

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 27-Aug-2009

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Chicago District, LRC-2009-00476-JD1

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: IL - Illinois  
County/parish/borough: DuPage  
City:  
Lat: 41.92166  
Long: -88.26034  
Universal Transverse Mercator
  Folder UTM List  
  UTM list determined by folder location
  • NAD83 / UTM zone 37S
  Waters UTM List  
  UTM list determined by waters location
  • NAD83 / UTM zone 37S

Name of nearest waterbody:
Name of nearest Traditional Navigable Water (TNW):
Name of watershed or Hydrologic Unit Code (HUC):

Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.

Check if other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with the action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION:

Office Determination Date:  
Field Determination Date(s): 01-Oct-2009

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION

There [ ] "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

Waters subject to the ebb and flow of the tide.

Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There [ ] "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

1. Waters of the U.S.
a. Indicate presence of waters of U.S. in review area:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Water Type(s) Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ditch Wetland</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
<tr>
<td>East Wetland</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
<tr>
<td>West Wetland</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
</tbody>
</table>

b. Identify (estimate) size of waters of the U.S. in the review area:
   Area: (m²)
   Linear: (m)

c. Limits (boundaries) of jurisdiction:
   based on:  
   OHWM Elevation: (if known)

2. Non-regulated waters/wetlands:
   Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:
The two wetland pockets are questionable as wetland, and are also sitting in the back yards of two homes, and have no connection to any flowing water of the U.S. The ditch along Route 64 has no outlet, and therefore is isolated and non-jurisdictional.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

1. TNW
   Not Applicable.

2. Wetland Adjacent to TNW
   Not Applicable.

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

1. Characteristics of non-TNWs that flow directly or indirectly into TNW
   (i) General Area Conditions:
      Watershed size:  
      Drainage area:  
      Average annual rainfall: inches
      Average annual snowfall: inches

   (ii) Physical Characteristics
       (a) Relationship with TNW:
       Tributary flows directly into TNW.
       Tributary flows through [ ] tributaries before entering TNW.
       Number of tributaries

       Project waters are [ ] river miles from TNW.
       Project waters are [ ] river miles from RPW.
       Project Waters are [ ] aerial (straight) miles from TNW.
       Project waters are [ ] aerial (straight) miles from RPW.

       Project waters cross or serve as state boundaries.

   Explain:
   Identify flow route to TNW:

   Tributary Stream Order, If known:
   Not Applicable.

   (b) General Tributary Characteristics:

   Tributary is:
   Not Applicable.

   Tributary properties with respect to top of bank (estimate):
   Not Applicable.

   Primary tributary substrate composition:
Not Applicable.

Tributary (conditions, stability, presence, geometry, gradient):
Not Applicable.

(c) Flow:
Not Applicable.

Surface Flow:
Not Applicable.

Subsurface Flow:
Not Applicable.

Tributary has:
Not Applicable.

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction:

High Tide Line Indicated by:
Not Applicable.

Mean High Water Mark Indicated by:
Not Applicable.

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iv) Biological Characteristics. Channel supports:
Not Applicable.

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:
(a) General Wetland Characteristics:
Properties:
Not Applicable.

(b) General Flow Relationship with Non-TNW:

Flow is:
Not Applicable.

Surface flow is:
Not Applicable.

Subsurface flow:
Not Applicable.

(c) Wetland Adjacency Determination with Non-TNW:
Not Applicable.

(d) Proximity (Relationship) to TNW:
Not Applicable.

(ii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iii) Biological Characteristics. Wetland supports:
Not Applicable.
3. Characteristics of all wetlands adjacent to the tributary (if any):

All wetlands being considered in the cumulative analysis:
Not Applicable.

Summarize overall biological, chemical and physical functions being performed:
Not Applicable.

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Significant Nexus: Not Applicable

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE:

1. TNWs and Adjacent Wetlands:
Not Applicable.

2. RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

3. Non-RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs:
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional wetlands in the review area:
Not Applicable.

7. Impoundments of jurisdictional waters:
Not Applicable.

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS.
Waters Name | Interstate/Foreign Travelers | Fish/Shellfish Commerce | Industrial Commerce | Interstate Isolated | Explain | Other Factors | Explain
--- | --- | --- | --- | --- | --- | --- | ---
Ditch Wetland | - | - | - | - | - | - | -
East Wetland | - | - | - | - | - | - | -
West Wetland | - | - | - | - | - | - | -

Identify water body and summarize rationale supporting determination:

| Water Name | Adjacent To TNW Rationale | TNW Rationale |
--- | --- | ---
Ditch Wetland | - | -
East Wetland | - | -
West Wetland | - | -

Provide estimates for jurisdictional waters in the review area:

| Water Name | Type | Size (Linear) (m) | Size (Area) (m²) |
--- | --- | --- | ---
Ditch Wetland | Isolated (interstate or intrastate) waters, including isolated wetlands | - | 538,231848 |
East Wetland | Isolated (interstate or intrastate) waters, including isolated wetlands | - | 97,124544 |
West Wetland | Isolated (interstate or intrastate) waters, including isolated wetlands | - | 141,63996 |
Total: | | 0 | 776,996382 |

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS

If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements:

Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce:

Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR):

Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (Explain):

Other (Explain):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment:

Not Applicable.

Provide acreage estimates for non-jurisdictional waters in the review area, that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction.

Not Applicable.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (listed items shall be included in case file and, where checked and requested, appropriately reference below):

| Data Reviewed | Source Label | Source Description |
--- | --- | ---
-Maps, plans, plats or plat submitted by or on behalf of the applicant/consultant | - | -
-Data sheets prepared/submitted by or on behalf of the applicant/consultant | - | -
---Office concurs with data sheets/delineation report | - | -
-U.S. Geological Survey Hydrologic Atlas | - | -
---USGS 8 and 12 digit HUC maps | - | -
-U.S. Geological Survey map(s). | - | -
- USDA Natural Resources Conservation Service Soil Survey. | - | -
---National wetlands inventory map(s). | - | -
---FEMA/FIRM maps | - | -
---Photographs | - | -
B. ADDITIONAL COMMENTS TO SUPPORT JD:

Description

Walked site on October 1, 2009 to verify all wetlands isolated.

---Aerial

--Applicable/supporting case law

--Other information

[Boxes checked below shall be supported by completing the appropriate sections in Section III below.]

3. For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

3. Supporting documentation is presented in Section III.F.

4. Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

5. Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

6. A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

7. Ibid.

8. See Footnote #3.

9. To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

10. Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Raritans.
SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 14-Sep-2009

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Chicago District, LRC-2009-00487-JD1

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

<table>
<thead>
<tr>
<th>State</th>
<th>IL - Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>County/parish/borough:</td>
<td>Kane</td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Lat:</td>
<td>41.96321</td>
</tr>
<tr>
<td>Long:</td>
<td>-88.29851</td>
</tr>
<tr>
<td>Universal Transverse Mercator</td>
<td>Folder UTM List</td>
</tr>
<tr>
<td></td>
<td>UTM list determined by folder location</td>
</tr>
<tr>
<td></td>
<td>NAD83 / UTM zone 37S</td>
</tr>
<tr>
<td></td>
<td>Waters UTM List</td>
</tr>
<tr>
<td></td>
<td>UTM list determined by waters location</td>
</tr>
<tr>
<td></td>
<td>NAD83 / UTM zone 37S</td>
</tr>
</tbody>
</table>

Name of nearest waterbody:
Name of nearest Traditional Navigable Water (TNW):
Name of watershed or Hydrologic Unit Code (HUC):

Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
Check if other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with the action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION:

Office Determination Date: 02-Oct-2009
Field Determination Date(s):   

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION

There [ ] "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

Waters subject to the ebb and flow of the tide.
Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There [ ] "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

1. Waters of the U.S.
   a. Indicate presence of waters of U.S. in review area:

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<th>Water Name</th>
<th>Water Type(s) Present</th>
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</thead>
<tbody>
<tr>
<td>Drainage Ditch</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
<tr>
<td>Pond</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
</tbody>
</table>

   b. Identify (estimate) size of waters of the U.S. in the review area:

https://orm.usace.army.mil/orm2/?p=106:34:5977383743737834::NO::

10/2/2009
Area: (m²)
Linear: (m)

c. Limits (boundaries) of jurisdiction:
   based on: [ ]
   OHWM Elevation: (if known)

2. Non-regulated waters/wetlands:
   Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:
   Both the pond and drainage ditch are historically man-created excavated features that have no connection to the nearby Fox River or any other flowing water of the U.S.; and therefore are isolated and non-jurisdictional.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

1. TNW
   Not Applicable.

2. Wetland Adjacent to TNW
   Not Applicable.

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

   (I) General Area Conditions:
      Watershed size: [ ]
      Drainage area: [ ]
      Average annual rainfall: inches
      Average annual snowfall: inches

   (II) Physical Characteristics
      (a) Relationship with TNW:
         • Tributary flows directly into TNW.
         • Tributary flows through [ ] tributaries before entering TNW.
         Number of tributaries

         Project waters are [ ] river miles from TNW.
         Project waters are [ ] river miles from RPW.
         Project Waters are [ ] aerial (straight) miles from TNW.
         Project waters are [ ] aerial (straight) miles from RPW.

         Project waters cross or serve as state boundaries.
         Explain:
         Identify flow route to TNW:

   Tributary Stream Order, if known:
   Not Applicable.

   (b) General Tributary Characteristics:

   Tributary is:
   Not Applicable.

   Tributary properties with respect to top of bank (estimate):
   Not Applicable.

   Primary tributary substrate composition:
   Not Applicable.
Tributary (conditions, stability, presence, geometry, gradient):
Not Applicable.

(c) Flow:
Not Applicable.

Surface Flow is:
Not Applicable.

Subsurface Flow:
Not Applicable.

Tributary has:
Not Applicable.

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction:

High Tide Line Indicated by:
Not Applicable.

Mean High Water Mark Indicated by:
Not Applicable.

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iv) Biological Characteristics. Channel supports:
Not Applicable.

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:
(a) General Wetland Characteristics:
Properties:
Not Applicable.

(b) General Flow Relationship with Non-TNW:
Flow is:
Not Applicable.

Surface flow is:
Not Applicable.

Subsurface flow:
Not Applicable.

(c) Wetland Adjacency Determination with Non-TNW:
Not Applicable.

(d) Proximity (Relationship) to TNW:
Not Applicable.

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iii) Biological Characteristics. Wetland supports:
Not Applicable.

3. Characteristics of all wetlands adjacent to the tributary (if any):
All wetlands being considered in the cumulative analysis:
Not Applicable.

Summarize overall biological, chemical and physical functions being performed:
Not Applicable.

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Significant Nexus: Not Applicable

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE:

1. TNWs and Adjacent Wetlands:
   Not Applicable.

2. RPWs that flow directly or indirectly into TNWs:
   Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

3. Non-RPWs that flow directly or indirectly into TNWs:
   Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.
   Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs:
   Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs:
   Not Applicable.

Provide estimates for jurisdictional wetlands in the review area:
Not Applicable.

7. Impoundments of Jurisdictional waters:
   Not Applicable.

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS.

<table>
<thead>
<tr>
<th>Waters Name</th>
<th>Interstate/Foreign Travelers</th>
<th>Fish/Shellfish Commerce</th>
<th>Industrial Commerce</th>
<th>Interstate Isolated</th>
<th>Explain</th>
<th>Other Factors</th>
<th>Explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Ditch</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pond</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Identify water body and summarize rationale supporting determination:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Adjacent To TNW Rationale</th>
<th>TNW Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Ditch</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pond</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Provide estimates for jurisdictional waters in the review area:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Ditch</td>
<td>isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>3237.4848</td>
</tr>
<tr>
<td>Pond</td>
<td>isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>2954.20488</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>0</td>
<td>6191.68968</td>
</tr>
</tbody>
</table>

F. NON-JURISDICTIONAL WATERS. INCLUDING WETLANDS

If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements:

- Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce:
- Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR):
  Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (Explain):

Other (Explain):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
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</thead>
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<tr>
<td>Drainage Ditch</td>
<td>isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
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<tr>
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<td>isolated (interstate or intrastate) waters, including isolated wetlands</td>
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<td>2954.20488</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>0</td>
<td>6191.68968</td>
</tr>
</tbody>
</table>

Provide acreage estimates for non-jurisdictional waters in the review area, that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction.

Not Applicable.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD

(listed items shall be included in case files and, where checked and requested, appropriately reference below):

<table>
<thead>
<tr>
<th>Data Reviewed</th>
<th>Source Label</th>
<th>Source Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>--Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--Data sheets prepared/submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--Office concurs with data sheets/delineation report</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--U.S. Geological Survey Hydrologic Atlas</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--USGS 3 and 12 digit HUC maps</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--U.S. Geological Survey map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--USDA Natural Resources Conservation Service Soil Survey</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--National wetlands inventory map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>--FEMA/FIRM maps</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

B. ADDITIONAL COMMENTS TO SUPPORT JD:

Description


1. Boxes checked below shall be supported by completing the appropriate sections in Section III below.
2. For purposes of this form, an RFW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least *seasonally* (e.g., typically 3 months).
3. Supporting documentation is presented in Section III.F.
4. Note that the instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.
5. Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.
6. A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody’s flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.
7. Ibid.
8. See Footnote #3.
9. To complete the analysis refer to the key in Section III.D.6 of the instructional Guidebook.
10. Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Raspinos.
APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

JD Status: DRAFT

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 16-Jul-2009

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Chicago District, LRC-2009-00384-JD1

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: IL - Illinois
County/parish/borough: DuPage
City: 
Lat: 41.7845
Long: -88.2325
Universal Transverse Mercator: Folder UTM List
- UTM list determined by folder location
  - NAD83 / UTM zone 37S
Waters UTM List
- UTM list determined by waters location
  - NAD83 / UTM zone 37S

Name of nearest waterbody:
Name of nearest Traditional Navigable Water (TNW):
Name of watershed or Hydrologic Unit Code (HUC):

Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
Check if other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with the action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION:
Office Determination Date:
Field Determination Date(s): 01-Sep-2009

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION
There [ ] "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

Waters subject to the ebb and flow of the tide.
Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.
There [ ] "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

1. Waters of the U.S.
a. Indicate presence of waters of U.S. in review area.

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Water Type(s) Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
<tr>
<td>Site 2</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
<tr>
<td>Site 3</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
<tr>
<td>Site 4</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
<tr>
<td>Site 5</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
</tbody>
</table>

b. Identify (estimate) size of waters of the U.S. in the review area:

Area: (m²)
Linear: (m)

c. Limits (boundaries) of jurisdiction:

Based on: []
OHWM Elevation: (if known)

2. Non-regulated waters/wetlands:

Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:

Wetlands 1, 2, 3, 4, 5, 6, 8 and 9 are all isolated pockets of wetland excavated during construction of the railroad bed, and are adjacent to the railroad bed. None of these wetlands have any surface water connection to any flowing water of the U.S., and therefore are isolated and non-jurisdictional.

SECTION III: CWA ANALYSIS

A. TNW AND WETLANDS ADJACENT TO TNWs

1. TNW
Not Applicable.

2. Wetland Adjacent to TNW
Not Applicable.

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:
Watershed size: []
Drainage area: []
Average annual rainfall: inches
Average annual snowfall: inches

(ii) Physical Characteristics
(a) Relationship with TNW:

Tributary flows directly into TNW.

Tributary flows through [] tributaries before entering TNW.

Number of tributaries

Project waters are [] river miles from TNW.
Project waters are [] river miles from RPW.
Project Waters are [] aerial (straight) miles from TNW.
Project waters are [] aerial (straight) miles from RPW.

Project waters cross or serve as state boundaries.

Explain:
Identify flow route to TNW:

Tributary Stream Order, if known:
Not Applicable.

(b) General Tributary Characteristics:

Tributary is:
Not Applicable.

Tributary properties with respect to top of bank (estimate):
Not Applicable.

Primary tributary substrate composition:
Not Applicable.

Tributary (conditions, stability, presence, geometry, gradient):
Not Applicable.

(c) Flow:
Not Applicable.

Surface Flow is:
Not Applicable.

Subsurface Flow:
Not Applicable.

Tributary has:
Not Applicable.

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction:

High Tide Line indicated by:
Not Applicable.

Mean High Water Mark indicated by:
Not Applicable.

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iv) Biological Characteristics. Channel supports:
Not Applicable.

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:
(a) General Wetland Characteristics:
Properties:
Not Applicable.

(b) General Flow Relationship with Non-TNW:
Flow is:
Not Applicable.

Surface flow is:
Not Applicable.

Subsurface flow:
Not Applicable.

(c) Wetland Adjacency Determination with Non-TNW:
Not Applicable.

(d) Proximity (Relationship) to TNW:
Not Applicable.
(ii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iii) Biological Characteristics. Wetland supports:
Not Applicable.

3. Characteristics of all wetlands adjacent to the tributary (If any):
All wetlands being considered in the cumulative analysis:
Not Applicable.

Summarize overall biological, chemical and physical functions being performed:
Not Applicable.

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g., between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Significant Nexus: Not Applicable

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE:

1. TNWs and Adjacent Wetlands:
Not Applicable.

2. RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

3. Non-RPWs that flow directly or indirectly Into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs:
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional wetlands in the review area:


E. ISOLATED (INTERSTATE OR INTRA-STATE) WATERS INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS:

<table>
<thead>
<tr>
<th>Waters Name</th>
<th>Interstate/Foreign Travelers</th>
<th>Fish/Shellfish Commerce</th>
<th>Industrial Commerce</th>
<th>Interstate Isolated</th>
<th>Explain</th>
<th>Other Factors</th>
<th>Explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 4</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 6</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 8</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 9</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Identify water body and summarize rationale supporting determination:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Adjacent To TNW Rationale</th>
<th>TNW Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 8</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Site 9</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Provide estimates for jurisdictional waters in the review area:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>1861.55376</td>
</tr>
<tr>
<td>Site 2</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>9671.98584</td>
</tr>
<tr>
<td>Site 3</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>728.43408</td>
</tr>
<tr>
<td>Site 4</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>202.3428</td>
</tr>
<tr>
<td>Site 5</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>566.55984</td>
</tr>
<tr>
<td>Site 6</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>768.90264</td>
</tr>
<tr>
<td>Site 8</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>1294.99392</td>
</tr>
<tr>
<td>Site 9</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>4046.856</td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td>0</td>
<td>19141.62888</td>
</tr>
</tbody>
</table>

F. NON-JURISDICTIONAL WATERS. INCLUDING WETLANDS

If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements:

- Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce:
- Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR):
- Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (Explain):

Other (Explain):
Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>1861.55376</td>
</tr>
<tr>
<td>Site 2</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>9671.95584</td>
</tr>
<tr>
<td>Site 3</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>728.4308</td>
</tr>
<tr>
<td>Site 4</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>202.3428</td>
</tr>
<tr>
<td>Site 5</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>566.55984</td>
</tr>
<tr>
<td>Site 6</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>765.9025</td>
</tr>
<tr>
<td>Site 8</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>1294.99392</td>
</tr>
<tr>
<td>Site 9</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>4046.856</td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td>0</td>
<td>19141.62888</td>
</tr>
</tbody>
</table>

Provide acreage estimates for non-jurisdictional waters in the review area, that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction.
Not Applicable.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD
listed items shall be included in case file and, where checked and requested, appropriately reference below:

<table>
<thead>
<tr>
<th>Data Reviewed</th>
<th>Source Label</th>
<th>Source Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Data sheets prepared/submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Office concurs with data sheets/delineation report</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- U.S. Geological Survey Hydrologic Atlas</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- USGS 8 and 12 digit HUC maps</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- U.S. Geological Survey map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- USDA Natural Resources Conservation Service Soil Survey</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- National wetlands inventory map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- State/local wetland inventory map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- FEMA/FIRM maps</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Photographs</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Aerial</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Applicable/supporting case law</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Other information</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

B. ADDITIONAL COMMENTS TO SUPPORT JD:

Description

I walked all 9 wetlands individually, and found these 8 to be isolated and non-jurisdictional.

---

1. Boxes checked below shall be supported by completing the appropriate sections in Section III below.
2. For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).
3. Supporting documentation is presented in Section III.F.
4. Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.
5. Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.
6. A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody’s flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.
7. Ibid.
8. See Footnote 3.
9. To complete the analysis refer to the key in Section III.D.8 of the Instructional Guidebook.
10. Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Kasanos.

APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

JD Status: DRAFT

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 15-Jul-2009

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Chicago District, LRC-2009-00385-JD1

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: IL - Illinois
County/parish/borough: DuPage
City: 
Lat: 41.87167
Long: -88.21223
Universal Transverse Mercator:
Folder UTM List
UTM list determined by folder location
● NAD83 / UTM zone 37S
Waters UTM List
UTM list determined by waters location
● NAD83 / UTM zone 37S

Name of nearest waterbody:
Name of nearest Traditional Navigable Water (TNW):
Name of watershed or Hydrologic Unit Code (HUC):

Check if map/diagram of review area and/or potential jurisdictional areas is available upon request.
Check if other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with the action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION:

Office Determination Date:
Field Determination Date(s): 01-Sep-2009

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION

There [ ] "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

Waters subject to the ebb and flow of the tide.
Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There [ ] "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

1. Waters of the U.S.
   a. Indicate presence of waters of U.S. in review area:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Water Type(s) Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pond</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
</tr>
</tbody>
</table>

b. Identify (estimate) size of waters of the U.S. in the review area:

Area: (m²)
Linear: (m)

c. Limits (boundaries) of jurisdiction:
   based on: []
   OHWM Elevation: (if known)

2. Non-regulated waters/wetlands:³

Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:
The subject pond is a man-made excavated feature in a county park. The pond has no direct surface water connection to any other flowing water of the U.S.; therefore it is isolated and non-jurisdictional.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

1. TNW
   Not Applicable.

2. Wetland Adjacent to TNW
   Not Applicable.

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

   (i) General Area Conditions:
      Watershed size: []
      Drainage area: []
      Average annual rainfall: inches
      Average annual snowfall: inches

   (ii) Physical Characteristics
      (a) Relationship with TNW:
         Tributary flows directly into TNW.
         Tributary flows through [] tributaries before entering TNW.
         Number of tributaries
         Project waters are [] river miles from TNW.
         Project waters are [] river miles from RPW.
         Project Waters are [] aerial (straight) miles from TNW.
         Project waters are [] aerial (straight) miles from RPW.
         Project waters cross or serve as state boundaries.

      Explain:
      Identify flow route to TNW.⁵

      Tributary Stream Order, if known:
      Not Applicable.

      (b) General Tributary Characteristics:

      Tributary is:
      Not Applicable.

      Tributary properties with respect to top of bank (estimate):
      Not Applicable.

      Primary tributary substrate composition:
      Not Applicable.

Tributary (conditions, stability, presence, geometry, gradient):
Not Applicable.

(c) Flow:
Not Applicable.

Surface Flow is:
Not Applicable.

Subsurface Flow:
Not Applicable.

Tributary has:
Not Applicable.

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction:

High Tide Line Indicated by:
Not Applicable.

Mean High Water Mark Indicated by:
Not Applicable.

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iv) Biological Characteristics. Channel supports:
Not Applicable.

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:
(a) General Wetland Characteristics:
Properties:
Not Applicable.

(b) General Flow Relationship with Non-TNW:
Flow is:
Not Applicable.

Surface flow is:
Not Applicable.

Subsurface flow:
Not Applicable.

(c) Wetland Adjacency Determination with Non-TNW:
Not Applicable.

(d) Proximity (Relationship) to TNW:
Not Applicable.

(ii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iii) Biological Characteristics. Wetland supports:
Not Applicable.

3. Characteristics of all wetlands adjacent to the tributary (if any):
All wetlands being considered in the cumulative analysis:
Not Applicable.

Summarize overall biological, chemical and physical functions being performed:
Not Applicable.

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Significant Nexus: Not Applicable

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE:

1. TNWs and Adjacent Wetlands:
Not Applicable.

2. RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

3. Non-RPWs that flow directly or indirectly into TNWs:  
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs:
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional wetlands in the review area:
Not Applicable.

7. Impoundments of jurisdictional waters:  
Not Applicable.

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS:


9/28/2009
<table>
<thead>
<tr>
<th>Waters Name</th>
<th>Interstate/Foreign Travelers</th>
<th>Fish/Shellfish Commerce</th>
<th>Industrial Commerce</th>
<th>Interstate Isolated</th>
<th>Explain</th>
<th>Other Factors</th>
<th>Explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pond</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Identify water body and summarize rationale supporting determination:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Adjacent To TNW Rationale</th>
<th>TNW Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pond</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Provide estimates for jurisdictional waters in the review area:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pond</td>
<td>Isolated (interstate or intrastate) waters, including wetlands</td>
<td>-</td>
<td>5341.84992</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>0</td>
<td>5341.84992</td>
</tr>
</tbody>
</table>

F. NON-JURISDICTIONAL WATERS. INCLUDING WETLANDS

If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements:

- Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce;
- Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR);

- Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (Explain):

Other (Explain):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pond</td>
<td>Isolated (interstate or intrastate) waters, including wetlands</td>
<td>-</td>
<td>5341.84992</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>0</td>
<td>5341.84992</td>
</tr>
</tbody>
</table>

Provide acreage estimates for non-jurisdictional waters in the review area, that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction.

Not Applicable.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD
(listed items shall be included in case file and, where checked and requested, appropriately reference below):

<table>
<thead>
<tr>
<th>Data Reviewed</th>
<th>Source Label</th>
<th>Source Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Data sheets prepared/submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Office concurs with data sheets/delineation report</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- U.S. Geological Survey Hydrologic Atlas</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- USGS 8 and 12 digit HUC maps</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- U.S. Geological Survey map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- USDA Natural Resources Conservation Service Soil Survey</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- National wetlands inventory map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- State/Local wetland inventory map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- FEMA/FIRM maps</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Photographs</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Aerial</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Other information</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
B. ADDITIONAL COMMENTS TO SUPPORT JD:

Description

The pond perimeter was walked, as well as the surrounding area. No drainage connections were found.

---

1. Boxes checked below shall be supported by completing the appropriate sections in Section III below.
2. For purposes of this form, an R/PW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).
3. Supporting documentation is presented in Section III.F.
4. Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.
5. Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.
6. A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.
7. Ibid.
8. See Footnote #2.
9. To complete the analysis refer to the key in Section III.D.8 of the Instructional Guidebook.
10. Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Repose.

APPROVED JURISDICTIONAL DETERMINATION FORM  
U.S. Army Corps of Engineers

JC Status: DRAFT

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 28-Jul-2009

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Chicago District, LRC-2009-00428-JD

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

<table>
<thead>
<tr>
<th>State</th>
<th>IL - Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>County/parish/borough:</td>
<td>DuPage</td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Lat:</td>
<td>41.77732</td>
</tr>
<tr>
<td>Long:</td>
<td>-88.23219</td>
</tr>
<tr>
<td>Universal Transverse Mercator</td>
<td>Folder UTM List</td>
</tr>
<tr>
<td></td>
<td>UTM list determined by folder location</td>
</tr>
<tr>
<td></td>
<td>NAD83 / UTM zone 37S</td>
</tr>
<tr>
<td></td>
<td>Waters UTM List</td>
</tr>
<tr>
<td></td>
<td>UTM list determined by waters location</td>
</tr>
<tr>
<td></td>
<td>NAD83 / UTM zone 37S</td>
</tr>
</tbody>
</table>

Name of nearest waterbody:
Name of nearest Traditional Navigable Water (TNW):
Name of watershed or Hydrologic Unit Code (HUC):

Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
Check if other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with the action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION:

Office Determination Date:
Field Determination Date(s): 01-Sep-2009

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION

There [ ] "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

- Waters subject to the ebb and flow of the tide.
- Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There [ ] "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

1. Waters of the U.S.
   a. Indicate presence of waters of U.S. in review area:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Water Type(s) Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetland 1</td>
<td>Isolated (inter-state or intrastate) waters, including isolated wetlands</td>
</tr>
</tbody>
</table>

b. Identify (estimate) size of waters of the U.S. in the review area:

Area: (m²)

Linear: (m)

c. Limits (boundaries) of jurisdiction:

based on: [ ]
OHWM Elevation: (if known)


Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:
The subject wetland is an impounded area up against the Railroad tracks and at the watershed break. The subject wetland slopes to the west, and ultimately peeters out as the water is absorbed into the ground. The wetland is several miles from the Fox River, and there is no surface water connection between the wetland and the river, therefore it is isolated.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

1. TNW
Not Applicable.

2. Wetland Adjacent to TNW
Not Applicable.

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:
Watershed size: [ ]
Drainage area: [ ]
Average annual rainfall: inches
Average annual snowfall: inches

(ii) Physical Characteristics
(a) Relationship with TNW:
   Tributary flows directly into TNW.
   Tributary flows through [ ] tributaries before entering TNW.
   Number of tributaries:
Project waters are [ ] river miles from TNW.
Project waters are [ ] river miles from RPW.
Project Waters are [ ] aerial (straight) miles from TNW.
Project waters are [ ] aerial (straight) miles from RPW.
   Project waters cross or serve as state boundaries.

   Explain:
   Identify flow route to TNW.

Tributary Stream Order, if known:
Not Applicable.

(b) General Tributary Characteristics:

Tributary is:
Not Applicable.

Tributary properties with respect to top of bank (estimate):
Not Applicable.

Primary tributary substrate composition:
Not Applicable.
Tributary (conditions, stability, presence, geometry, gradient):
Not Applicable.

(c) Flow:
Not Applicable.

Surface Flow is:
Not Applicable.

Subsurface Flow:
Not Applicable.

Tributary has:
Not Applicable.

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction:

High Tide Line indicated by:
Not Applicable.

Mean High Water Mark Indicated by:
Not Applicable.

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iv) Biological Characteristics. Channel supports:
Not Applicable.

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(I) Physical Characteristics:
(a) General Wetland Characteristics:
Properties:
Not Applicable.

(b) General Flow Relationship with Non-TNW:
Flow is:
Not Applicable.

Surface flow is:
Not Applicable.

Subsurface flow:
Not Applicable.

(c) Wetland Adjacency Determination with Non-TNW:
Not Applicable.

(d) Proximity (Relationship) to TNW:
Not Applicable.

(ii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Not Applicable.

(iii) Biological Characteristics. Wetland supports:
Not Applicable.

3. Characteristics of all wetlands adjacent to the tributary (if any):

9/28/2009
All wetlands being considered in the cumulative analysis:
Not Applicable.

Summarize overall biological, chemical and physical functions being performed:
Not Applicable.

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g., between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Significant Nexus: Not Applicable

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS, THE SUBJECT WATERS/WETLANDS ARE:

1. TNWs and Adjacent Wetlands:
Not Applicable.

2. RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

3. Non-RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional waters in the review area:
Not Applicable.

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs:
Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area:
Not Applicable.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs:
Not Applicable.

Provide estimates for jurisdictional wetlands in the review area:
Not Applicable.

7. Impoundments of jurisdictional waters:
Not Applicable.

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS:


9/28/2009
<table>
<thead>
<tr>
<th>Waters Name</th>
<th>Interstate/Foreign Travelers</th>
<th>Fish/Shellfish Commerce</th>
<th>Industrial Commerce</th>
<th>Interstate Isolated</th>
<th>Explain</th>
<th>Other Factors</th>
<th>Explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetland 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Identify water body and summarize rationale supporting determination:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Adjacent To TNW Rationale</th>
<th>TNW Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetland 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Provide estimates for jurisdictional waters in the review area:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetland 1</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>9995.73432</td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td>0</td>
<td>9995.73432</td>
</tr>
</tbody>
</table>

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS

If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements:

- Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce:
- Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR):
  Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (Explain):

  Other (Explain):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment:

<table>
<thead>
<tr>
<th>Water Name</th>
<th>Type</th>
<th>Size (Linear) (m)</th>
<th>Size (Area) (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetland 1</td>
<td>Isolated (interstate or intrastate) waters, including isolated wetlands</td>
<td>-</td>
<td>9995.73432</td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td>0</td>
<td>9995.73432</td>
</tr>
</tbody>
</table>

Provide acreage estimates for non-jurisdictional waters in the review area, that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction.

Not Applicable.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD
(listed items shall be included in case file and, where checked and requested, appropriately reference below):

<table>
<thead>
<tr>
<th>Data Reviewed</th>
<th>Source Label</th>
<th>Source Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Data sheets prepared/submitted by or on behalf of the applicant/consultant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Office concurs with data sheets/delineation report</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>U.S. Geological Survey Hydrologic Atlas</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>USGS 8 and 12 digit HUC maps</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>U.S. Geological Survey map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>National wetlands inventory map(s)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>FEMA/FIRM maps</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Photographs</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Aerial</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Applicable/supporting case law</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other information</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
B. ADDITIONAL COMMENTS TO SUPPORT JD:

Description

Site visit on September 1, 2009 walking entire wetland showed on erutlet or out-flow.

1. Boxes checked below shall be supported by completing the appropriate sections in Section II below.
2. For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).
3. Supporting documentation is presented in Section III.F.
4. Note that the Instructional Guidebook contains additional information regarding swales, ditches, washed, and erosional features generally and in the and West.
5. Flow route can be described by identifying, e.g., tributary a, which flows through the review area, into flow into tributary b, which then flows into TNW.
6. A natural or man-made discontinuity in the OHVM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHVM has been removed by development or agricultural practices). Where there is a break in the OHVM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.
7. Ibid.
8. See Footnote #3.
9. To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.
10. Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.
This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION
A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD):

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Chicago District, LRC-2009-463

C. PROJECT LOCATION AND BACKGROUND INFORMATION:
State: Illinois  County/parish/borough: Will  City: Joliet
Center coordinates of site (lat/long in degree decimal format): Lat. 41.493519°N, Long. -88.093443°W.
Universal Transverse Mercator: NAD 83
Name of nearest waterbody: Des Plaines River
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Des Plaines River
Name of watershed or Hydrologic Unit Code (HUC): Des Plaines (07120004)

☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
☐ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):
☐ Office (Desk) Determination. Date:
☒ Field Determination. Date(s): 8/3/09

SECTION II: SUMMARY OF FINDINGS
A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There Are no “navigable waters of the U.S.” within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]
☐ Waters subject to the ebb and flow of the tide.
☐ Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.


B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There Are no “waters of the U.S.” within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

1. Waters of the U.S.
   a. Indicate presence of waters of U.S. in review area (check all that apply): ¹
      ☐ TNWs, including territorial seas
      ☐ Wetlands adjacent to TNWs
      ☐ Relatively permanent waters² (RPWs) that flow directly or indirectly into TNWs
      ☐ Non-RPWs that flow directly or indirectly into TNWs
      ☐ Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
      ☐ Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
      ☐ Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
      ☐ Impoundments of jurisdictional waters
      ☒ Isolated (interstate or intrastate) waters, including isolated wetlands

   b. Identify (estimate) size of waters of the U.S. in the review area:
      Non-wetland waters: linear feet: width (ft) and/or acres.
      Wetlands: 5.7 acres.

2. Limits (boundaries) of jurisdiction based on: ¹987 Delineation Manual
   Elevation of established OHWM (if known):

   2. Non-regulated waters/wetlands (check if applicable): ³
      ☒ Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional.
      Explain: One excavated pond (in dry land) was identified. No traceable hydrologic connection was observed.

¹ Boxes checked below shall be supported by completing the appropriate sections in Section III below.
² For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least “seasonally” (e.g., typically 3 months).
³ Supporting documentation is presented in Section III.F.
SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW
   Identify TNW: Pick List.

2. Wetland adjacent to TNW
   Summarize rationale supporting conclusion that wetland is “adjacent”:

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under Rapanos have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are “relatively permanent waters” (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

   (i) General Area Conditions:
      Watershed size: Pick List
      Drainage area: Pick List
      Average annual rainfall: inches
      Average annual snowfall: inches

   (ii) Physical Characteristics:
      (a) Relationship with TNW:
         [ ] Tributary flows directly into TNW.
         [ ] Tributary flows through Pick List tributaries before entering TNW.

         Project waters are Pick List river miles from TNW.
         Project waters are Pick List river miles from RPW.
         Project waters are Pick List aerial (straight) miles from TNW.
         Project waters are Pick List aerial (straight) miles from RPW.
         Project waters cross or serve as state boundaries. Explain:

         Identify flow route to TNW:
         Tributary stream order, if known:

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4 Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.
5 Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.
(b) **General Tributary Characteristics** (check all that apply):

**Tributary** is:  
☐ Natural  
☐ Artificial (man-made). Explain:  
☐ Manipulated (man-altered). Explain:  

**Tributary** properties with respect to top of bank (estimate):
- Average width:  
- Average depth:  
- Average side slopes: **Pick List**.

Primary tributary substrate composition (check all that apply):

- ☐ Silts  
- ☐ Sands  
- ☐ Cobbles  
- ☐ Gravel  
- ☐ Bedrock  
- ☐ Vegetation. Type/% cover: 
- ☐ Other. Explain: 

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain:  
Presence of run/riffle/pool complexes. Explain:  
Tributary geometry: **Pick List**  
Tributary gradient (approximate average slope): %

(c) **Flow:**

Tributary provides for: **Pick List**  
Estimate average number of flow events in review area/year: **Pick List**  
Describe flow regime:  
Other information on duration and volume:  

Surface flow is: **Pick List**. Characteristics:  
Subsurface flow: **Pick List**. Explain findings:  
☐ Dye (or other) test performed:  

**Tributary** has (check all that apply):

- ☐ Bed and banks  
- ☐ OHWM\(^6\) (check all indicators that apply):
  - ☐ clear, natural line impressed on the bank  
  - ☐ changes in the character of soil  
  - ☐ shelving  
  - ☐ vegetation matted down, bent, or absent  
  - ☐ leaf litter disturbed or washed away  
  - ☐ sediment deposition  
  - ☐ water staining  
  - ☐ other (list): 
- ☐ Discontinuous OHWM.\(^7\) Explain: 

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):
- ☐ High Tide Line indicated by:  
- ☐ Mean High Water Mark indicated by:
  - ☐ oil or scum line along shore objects  
  - ☐ fine shell or debris deposits (foreshore)  
  - ☐ physical markings/characteristics  
  - ☐ tidal gauges  
  - ☐ other (list): 

(iii) **Chemical Characteristics:**

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).

Explain:  
Identify specific pollutants, if known:  

\(^6\)A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

\(^7\)ibid.
(iv) Biological Characteristics. Channel supports (check all that apply):

☐ Riparian corridor. Characteristics (type, average width): .


☐ Habitat for:
  ☐ Federally Listed species. Explain findings: .
  ☐ Fish/spawn areas. Explain findings: .
  ☐ Other environmentally-sensitive species. Explain findings: .
  ☐ Aquatic/wildlife diversity. Explain findings: .

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:

(a) General Wetland Characteristics:

Properties:

Wetland size: ______ acres
Wetland type. Explain: .

Project wetlands cross or serve as state boundaries. Explain: .

(b) General Flow Relationship with Non-TNW:

Flow is: Pick List. Explain: .

Surface flow is: Pick List
Characteristics: .

Subsurface flow: Pick List. Explain findings: .
☐ Dye (or other) test performed:

(c) Wetland Adjacency Determination with Non-TNW:

☐ Directly abutting
☐ Not directly abutting
  ☐ Discrete wetland hydrologic connection. Explain: .
  ☐ Ecological connection. Explain: .
  ☐ Separated by bern/barrier. Explain: .

(d) Proximity (Relationship) to TNW

Project wetlands are Pick List river miles from TNW.
Project waters are Pick List aerial (straight) miles from TNW.
Flow is from: Pick List.

Estimate approximate location of wetland as within the Pick List floodplain.

(ii) Chemical Characteristics:

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: .

Identify specific pollutants, if known: .

(iii) Biological Characteristics. Wetland supports (check all that apply):

☐ Riparian buffer. Characteristics (type, average width): .

☐ Vegetation type/percent cover. Explain: .

☐ Habitat for:
  ☐ Federally Listed species. Explain findings: .
  ☐ Fish/spawn areas. Explain findings: .
  ☐ Other environmentally-sensitive species. Explain findings: .
  ☐ Aquatic/wildlife diversity. Explain findings: .

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: Pick List

Approximately ( ______ ) acres in total are being considered in the cumulative analysis.
For each wetland, specify the following:

<table>
<thead>
<tr>
<th>Name/ID</th>
<th>Directly abuts? (Y/N)</th>
<th>Size (in acres)</th>
<th>Name/ID</th>
<th>Directly abuts? (Y/N)</th>
<th>Size (in acres)</th>
</tr>
</thead>
</table>

Summarize overall biological, chemical and physical functions being performed:

C. **SIGNIFICANT NEXUS DETERMINATION**

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW.

Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g., between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos Guidance* and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D:

2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section II.D:

3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:

D. **DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):**

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:
   - TNWs: linear feet width (ft), or acres.
   - Wetlands adjacent to TNWs: acres.

2. **RPWs that flow directly or indirectly into TNWs.**
   - Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating the tributary is perennial:
   - Tributaries of TNW where tributaries have continuous flow “seasonally” (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally:
Provide estimates for jurisdictional waters in the review area (check all that apply):

☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters:

3. **Non-RPWs** that flow directly or indirectly into TNWs.

☐ Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):

☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters:

4. **Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.**

☐ Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.

☐ Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW:

☐ Wetlands directly abutting an RPW where tributaries typically flow “seasonally.” Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW:

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

5. **Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.**

☐ Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

6. **Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.**

☐ Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

7. **Impoundments of jurisdictional waters.**

As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.

☐ Demonstrate that impoundment was created from “waters of the U.S.” or
☐ Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
☐ Demonstrate that water is isolated with a nexus to commerce (see E below).

E. **ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):**

☐ which are or could be used by interstate or foreign travelers for recreational or other purposes.
☐ from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
☐ which are or could be used for industrial purposes by industries in interstate commerce.
☐ Interstate isolated waters. Explain:
☐ Other factors. Explain:

Identify water body and summarize rationale supporting determination:

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8See Footnote # 3.
9 To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.
10 Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.
Provide estimates for jurisdictional waters in the review area (check all that apply):

- Tributary waters: linear feet width (ft).
- Other non-wetland waters: acres.
- Identify type(s) of waters: .
- Wetlands: acres.

**F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):**

- If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
- Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
  - Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).
  - Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: .
  - Other: (explain, if not covered above): .

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

**SECTION IV: DATA SOURCES.**

**A. SUPPORTING DATA.** Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant.
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
- Office concurs with data sheets/delineation report.
- Office does not concur with data sheets/delineation report.
- Data sheets prepared by the Corps.
- Corps navigable waters’ study.
- USGS NHD data.
- USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name:
- USDA Natural Resources Conservation Service Soil Survey. Citation: Pick List.
- National wetlands inventory map(s). Cite name: Elwood Quadrangle.
- State/Local wetland inventory map(s): Pick List, Pick List.
- FEMA/FIRM maps: Will County and incorporated areas, map number 17197C0280 E, effective 9/6/05.
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): Photo Mapper Spring 2008.
  - or Other (Name & Date): Exhibits 7 - representative color photographs of field visit.
- Previous determination(s). File no. and date of response letter:
- Applicable/supporting scientific literature:
- Other information (please specify): .

**B. ADDITIONAL COMMENTS TO SUPPORT JD:** One excavated pond was identified. In our opinion, the pond is isolated and exempt from regulation because there is no easily traceable hydrologic connection to a jurisdictional waters of the U.S. In addition, the pond was excavated in dry land (ie non-hydric) soil and should therefore be exempt as well.