

## 2021 BIP UPDATE – PROJECT’S LIST

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**What is the Project’s List?** The Project’s List is a compilation of known identified projects and processes (IPP) located within the nine sub-basins represented on the Southwest Basin Roundtable (Roundtable). This Project’s List includes any IPP that supports the Roundtable’s goals, measurable outcomes, or meets an identified need. IPPs on the list are in various stages of completion, ranging from concepts to implementing. An IPP may be a project, process, or combination of both.

Projects are on the ground IPPs that typically include some form of construction (i.e. structural projects). Examples of these projects include (but are not limited to): municipal infrastructure, agricultural diversion and delivery improvements, reservoir construction, fish ladders, riparian restoration, and construction of recreational access to the river.

Processes are IPPs that convene multiple stakeholders to discuss and/or develop studies to address an identified need (i.e. non-structural projects). Examples of these processes include (but are not limited to): feasibility studies, water supply planning reports, watershed coalitions and workgroups, stream management plans, integrated water management plans, and outreach around an identified need.

### Why Get on the Project’s List?

The Roundtable, through its’ Basin Implementation Plan ([BIP](#)), has identified areas of need within southwest Colorado. A need may be in any sector of water use: agriculture, municipal, industrial, environmental or recreational. The Project’s List is a standardized dataset with over 21 data fields to describe each IPP. An IPP sponsor will provide descriptions, locations, needs to be met, quantification of water supply, cost estimates, and other data needs to populate these fields for their IPP. By having a list cataloging IPPs in southwest Colorado, the Roundtable can identify where needs and/or gaps exists and focus efforts. The list provides information to State level entities to evaluate progress on the Colorado Water Plan (CWP). Also, the list provides information about an IPP if funding is sought through sources other than the Roundtable.

The Project’s List is used as a tool by the Roundtable when determining if a project or process should receive Water Supply Reserve Funds ([WSRF](#)). The Roundtable is allocated funds from Colorado Water Conservation Board (CWCB) to disperse in the basin to implement IPPs. The WSRF includes both basin and state-wide funds.

The Project’s List may also be used by the Roundtable as a tool to track progress of implementing IPPs and meeting the BIP’s goals and measurable outcomes. IPPs on the list may be tracked on

their “readiness” for implementation based on the Project Tiering Matrix developed during the 2021 BIP Update process. Tiers to track an IPPs “readiness” include IPP’s implementation timeline, IPP’s documented alignment with the BIP and CWP, and identified critical needs addressed by an IPP.

### How Does an IPP Get on the Project’s List?

The Roundtable has been maintaining a Project’s List for over 15 years. The list was first generated during the Statewide Water Supply Iniative (SWSI) outreach efforts in the mid-2000s and updated during the 2015 BIP’s development. The Project’s List is an evolving dataset and is updated regularly. To be added to the Project’s List, an IPP sponsor must complete the “IPP Fillable Form” and submit the form for review by the Roundtable. The Roundtable will review completed forms at each meeting and if accepted add the IPP to the Project’s List.

To update an existing IPP it is recommended to the IPP sponsor or contact completes the “IPP Fillable Form” and references the existing IPP’s project identification number. Having an up to date IPP description and fields ensures the Roundtable uses the best available information when discussion needs and, or gaps within the basin(s).

### Defining the Project’s List Dataset

The Project’s List dataset includes standardized data fields that are populated for each IPP. As part of CWCB’s planning efforts, a standardized dataset was developed during the 2017 Analysis and Technical Update (Technical Update) to the CWP. A [technical memorandum](#), Section 7 – Identified Projects and Processes (IPP) Dataset Development, was prepared as part of Appendix A – Volume II of the Technical Update. This technical memorandum describes the formation of the standardized dataset and defines the data fields. The following list below defines each dataset field. For further explanations of each field, please reference the technical memorandum or “IPP Fillable Form”. The dataset descriptions use the terms “IPP” and “project” interchangeably.

1. Project ID (Column A)
  - a. A unique identifier to each IPP as they are added to the IPP dataset. The format of the identifier is set to a Basin-Year-Number, for example “SWAN-2015-0001”.
  - b. The Southwest basin abbreviation is SW followed by the subbasin abbreviation.
    - i. Subbasin abbreviations are: SJ – San Juan, PD – Piedra, PN – Pine, AN – Animas, LP – La Plata, MA – Mancos, DM – Dolores & McElmo, SM – San Miguel, and MB – Multi Basin
  - c. The year is the 4-digit year when the IPP was added to the IPP list or originally identified in the BIP.
  - d. The project number is sequential and accommodates up to 9999 projects.
2. Project Name (Column B)

- a. Name is a short descriptive name, based on existing data.
3. Project Description (Column C)
  - a. A short description of the project. Key words such as storage, transbasin diversion, agricultural efficiency, etc. should be used for future filtering of the dataset.
4. Project Keywords (Columns D-G)
  - a. Include keywords used to indicate which CWP Critical Goals (See [Chapter 10.3](#) of the CWP for Critical Goals and Actions). First three columns have predetermined keywords, while fourth column is blank. Potential BIP related keywords for the fourth column could be tribal, multi-purpose, multiple basins, etc.
5. Status (Column H)
  - a. Options for project status are concept, planned, implementing, completed, or not pursued.
6. Lead Proponent (Column I)
  - a. Indicate the main entity that is the proponent or sponsor of the project.
7. Lead Contact (Column J)
  - a. Indicate the name of the person and their affiliated organization that can be contacted to provide information about the project.
8. Project need fields (Columns K-N)
  - a. Project need fields will be filled in with the percentage of the IPP that meets this need type; the sum of need fields for each IPP must sum to 100%.
    - i. Municipal Ind Need
    - ii. Agricultural Need
    - iii. Envr Rec Need
    - iv. Admin Need
9. Latitude (Column O)
  - a. The general point location for the project, generally corresponding to the water source, centroid of project components, or regional centroid (such as for county-level project). Units should be decimal degrees.
10. Longitude (Column P)
  - a. The general point location for the IPP, generally corresponding to the water source, centroid of project components, or regional centroid (such as for county-level project). Units should be decimal degrees.
11. Lat Long Flag (Column Q)
  - a. This field indicates the method by which spatial coordinates were determined.
12. County (Column R)
  - a. Reflects name of county project is located. Multiple counties may be listed.
13. Water District (Column S)
  - a. Reflects standard Division of Water Resources (DWR) Water District number. Multiple water districts may be listed.
14. Estimated Yield (Column T)
  - a. This field indicates the average annual yield, in particular for consumptive uses. Values should consist only of numbers and not contain ranges of numbers.

- b. Yield values should be based on the water supply analyses and not just reflect the maximum capacity of a project.
- 15. Yield Units (Column U)
  - a. Reflects a standard unit of measure, including acre-feet (AF), cubic feet per second (CFS), million gallons (MG), million gallons per day (MGD).
- 16. Estimated Capacity (Column V)
  - a. This field indicates the maximum capacity of a project, or maximum impact area for E&R projects. Values should consist only of numbers and not contain ranges of numbers. Ideally values based on high-level design or impact studies.
- 17. Capacity Units (Column W)
  - a. Reflects a standard unit of measure, including acre-feet (AF), cubic feet per second (CFS), million gallons (MG), million gallons per day (MGD), area (acreage), stream length (miles).
- 18. Estimated Cost (Column X)
  - a. Reflect the total cost of the project, including the capital cost and O&M in total dollars.
  - b. This field may be populated using the [Costing Tool](#) developed as part of the Technical Update.
- 19. Water Rights Needs (Column Y)
  - a. Answers a yes or no question regarding if project meets water rights needs as defined by DWR. Typically, “no” is picked as the answer unless DWR is involved in the IPP.
- 20. Timeline Tier (Column Z)
  - a. The timeline for readiness of a project.
    - i. Tier 1: Ready for launch and implementation
    - ii. Tier 2: Project will start with less than 1 year
    - iii. Tier 3: Project will start in greater than 1 year
    - iv. Tier 4: Not Shown (no timeline identified)
- 21. Basin Plan Align (Column AA)
  - a. Reflects how well a project aligns with the BIP.
    - i. Tier 1: Strongly aligns with 2015 BIP
    - ii. Tier 2: Somewhat aligns with 2015 BIP
    - iii. Tier 3: Not as well aligned with 2015 BIP
    - iv. Tier 4: Not Shown (not aligned)
- 22. Local Plan Align (Column AB)
  - a. Reflects how well a project aligns with local planning efforts.
    - i. Tier 1: Extensive local planning, organizational support and water rights support the project
    - ii. Tier 2: Some local planning or organizational support for the project; water rights may or may not be explicitly identified
    - iii. Tier 3: Not clearly identified in any local plan, organizational effort; water rights concerns are noted; may be under consideration or going through a permitting process
    - iv. Tier 4: Not Shown (not aligned)

23. Water Plan Align (Column AC)
  - a. Reflects how well a project aligns with the CWP.
    - i. Tier 1: Meets at least 3 actions in the CWP
    - ii. Tier 2: Meets at least 2 actions in the CWP
    - iii. Tier 3: Meets at least 1 action in the CWP
    - iv. Tier 4: Not Shown (not aligned)
24. Criticality (Column AD)
  - a. Reflects the critical needs met by the project.
    - i. Tier 1: Critical to basin (is a basin priority and/or emergency need); would cause severe impact to the basin if the project didn't move forward; has clear metrics for tracking and completion date.
    - ii. Tier 2: Significant basin effort (fully aligns with basin goals/themes); implementation or plan would advance basin goals/themes; has clear metrics for tracking and completion date.
    - iii. Tier 3: Project could be of basin interest but may not as directly advance basin goals/themes; may not have clear metrics and/or may not have a clear end date or objective.
    - iv. Tier 4: Not Shown
25. Core Data Num (Column AE)
  - a. Number of completed dataset fields; maximum is 21.
26. Overall Priority (Column AF)
  - a. Reflects the overall priority of a project based on the inputs from Columns Z-AE.
27. State Funding (Column AG)
  - a. This field identifies the status of funding for the project through state. Options for this field are applied, accepted, or declined.
28. Funding Type (Columns AH-AJ)
  - a. These fields identify sources of state funding for the project. A dropdown menu provides a list of funding sources. This list includes water project loan program, water plan grants, water supply reserve funds, water efficiency grants, Colorado health rivers grants, Colorado water restoration grants, agricultural emergency drought response program, alternative ATM grants program, fish and wildlife resource grants, weather modification grants, severance tax trust fund operational accounts grants, construction fund non-reimbursable project investment grants, and technical assistance for federal cost-share programs.
29. Funding Amt (Column AK)
  - a. Total amount of funding from all state sources received to date.