IBCC Meeting





5-2-2018

Agenda

- 9:30 Welcome and Introductions
- 9:45 West Slope Caucus Debrief
- **10:15** Application of the Conceptual Framework
- **10:45** Small Group Discussion
- 11:15 Conceptual Framework Discussion
- 11:45 (LUNCH)
- 1:00 Conceptual Framework Task Group Next Steps
- 2:00 Candidate Letter Task Group Next Steps
- 2:30 Funding Concepts Task Group Next Steps
- 3:00 Discussion of Basin BIP Updates
- 3:15 Next Steps/Next Meeting/Adjourn



QUESTION (Ice Breaker)

How awake are you?

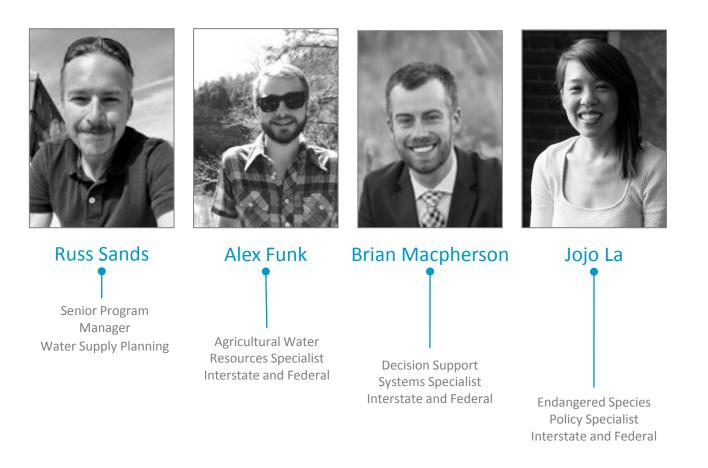
-Ready to Rock and Roll!

-Wake Me When it's Over.

-As Long as There's Coffee I'm Good.

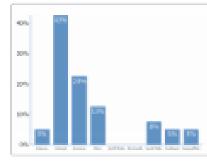
Welcome

- Staffing Update
- Introductions



West Slope Caucus

What basin are you from?

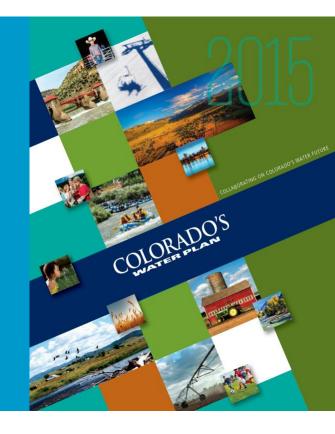


Response options	Count	Percentage
Arkansas	2	5%
Colorado	17	43%
Gunnison	9	23%
Metro	5	13%
North Platte	0	0%
Rio Grande	0	0%
South Platte	3	8%
Southwest	2	5%
Yampa/White	2	5%



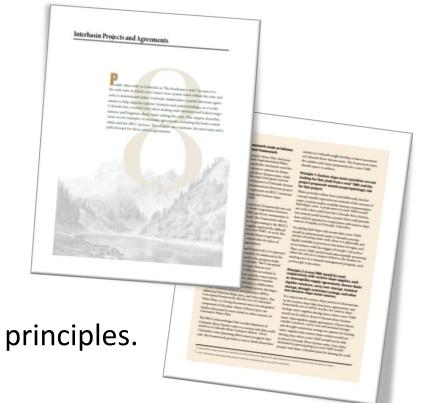
40 Responses

Application of the Conceptual Framework to a project of potential Statewide Significance



Application

- Can the framework be a lens for major projects?
- Even though SPROWG is not a TMD there are applicable principles.
- CWP Chapter 8 Intro + Principle 4 explicitly reference non-TMD applications.



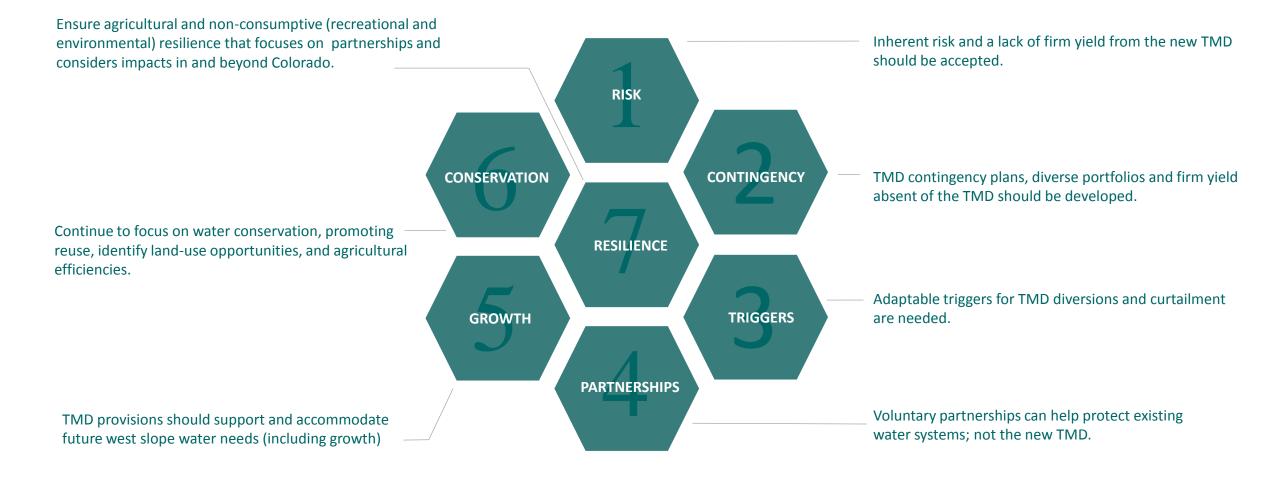
Exploring Principle #4

"The IBCC and roundtables can provide an important forum for sharing the work of ongoing interstate negotiations, scoping technical analyses, and identifying issues of concern at the stakeholder level, as well as providing input to CWCB as it manages and conducts the technical, legal, economic, and other studies necessary for implementation."

-Principle #4 of Colorado's Conceptual Framework

Colorado's Conceptual Framework

Additional Development of TMD Projects Should Consider the Following 7 Principles:



Recommended Action #3

Vet the Conceptual Framework Against a Project of Statewide Significance

Specifically and constructively to advance the Conceptual Framework in lieu of a concrete proposed TMD, the group considered how a project of statewide significance could be used to conceptually test some of the principles of the Conceptual Framework. For example, a potential regional water supply project in the South Platte basin could help address some of the state's most pressing water supply issues with collaborative in-basin solutions.

STRATEGY:

- A portfolio or package of projects throughout the state could be incorporated as part of a vetting process.
- A regional project of statewide significance and/or portfolio of projects could be appropriate for stakeholder consideration.



Projects of Statewide Significance

Practical Application of the Conceptual Framework in Absence of an Actual TMD

"The Framework encourages agricultural partnerships with environmental, recreational, and municipal groups to help sustain Colorado's diverse economic future and healthy environment."

"All M&I water providers that are covered entities should do integrated water resource planning that strives to meet the "conservation stretch goal"

"The State should make every effort to allow for the reuse of these fully consumable water supplies in an appropriate and environmentally safe manner.

"When considering agricultural conservation strategies, it will be important to take a site-specific perspective and to consider the potentially negative consequences of altering timing and the amount of return flows."



"instead would develop a project that could provide firm yield if operated in conjunction with eastern slope sources of supply, as Principle 2 describes"

"It is important for eastern slope parties to demonstrate to the western slope that structures, agreements, and frameworks are or will be in place for eastern slope backup water supplies.

"Each entity would tailor its firming plan to its system's unique strengths and constraints."

"A collaborative program that protects existing uses and an increment of future development is a necessary element of Colorado's water planning, regardless of whether a new TMD is developed"

"A second goal of the collaborative program is protection of the yield of the water supply systems in place in the Colorado River Basin from involuntary curtailment."

Jim Yahn & Lisa Darling SPROWG Presentation

Small Group Discussion Conceptual Framework Discussion



Questions

- What does applying the CF to this project tell us about the CF?
- What, if anything, does the IBCC want the CF Task Force to do next to address the IBCC goal of "building out the CF" ?



JUNCIO

Conceptual Framework Task Group Next Steps



QUESTION

What if anything should the IBCC do with the conceptual framework moving forward? (Ticker)

NEXT STEPS

Candidate Letter Purpose, Opportunity & Distribution



Funding Task Group Strawman Draft Discussion

DRAFT "Straw Man" Document to Guide IBCC Funding Task Group Discussion (5/1/18) Funding The Future: Funding the Implementation Colorado's Water Plan In 2016, Colorado's Water Plan outlined a \$20 billion financial need to support water projects over In 2016, Colorado's Water Plan ouglined a 520 billion mancial need to support water projects over next 30 years. To support that need and fund the implementation of Colorado's Water Plan, the diseased an element instance of sales additional reliance in the advector of Colorado's Water Plan, the texts or years, To support that need and rund the implementation of colorado's water Plan, the directed to "investigate options to raise additional revenue in the amount of \$100 million and hillion hu 20κη, starting in 2020; In addition to any cavarance tax dollars; I orrecteo to "investigate options to raise additional revenue in the amount o billion by 2050) starting in 2020" in addition to any severance tax dollars." At the same time, it is critical to maintain severance tax as a foundational piece of existin n and admine time, is a control to maintain recreation to take to a touring summer programs. However, due to several issues explained below, projected normon or water programs, nowever, oue to several issues explained below, pro revenue available for many existing water programs is expected to be zero throu revenue available for many existing water programs is expected to be zero into 2019. While there is some funding through annual appropriations and other me 2013, writie there is some runding through annual appropriations and other n Water Conservation Board (CWCB) efforts, to support, safeguard and ensure vater ounact valuer ouar a (***υα) εποιο, το αυρου (*** Water Plan, a reliable long term revenue stream is needed. Recognizing these fluctuations in state funding for water initiatives and the Recognizing these nucluations in state running run water introduces and une to for and establish additional state water funding per water plan recommendation for and establish additional state water funding per water plan recommendations in interbasin Compact Committee (IBCC) established a Funding Concepts Task Group. The following sections outline and analyzation static area in static area in the analy of harran defining evidence funding again and one evidence in the analyzation static area in the analy of harran defining evidence funding again and one evidence in a static static and existing against and one evidence in the state and one evidence of static against and one evidence in the state and one evidence of the state Compact Committee (IBCC) established a Funding Concepts fask Group. The following sections outline the collective work from this group with the goal of better defining existing funding gaps and potential the latter frances coertificative on developing a potential ballot initiative aimed at shorine-up columns. the collective work from this group with the goal of better defining existing funding gaps and potential solutions. The latter focuses specifically on developing a pot we ballot initiative aimed at shoring-up reliance and exposed in Colorado's Massac Fleshing Out The Problem Severance tax is assessed on natural resources the Severance tax is assessed on natural resources the response from the earth. Oil and gas make up 95% of all severance tax revenues in Colorado. In a severance tax revenues vary significantly due to current oil and gas market condition tax created and available exemptions. Adding to this volatility, a 2016 Colorado Suoreme Court Class, waro d an estimated \$120 million in overcharged The current impact on the aiready ions that the spected severance tax revenue in ratas year cuto in 2017-June 2018) will result in geomplete the of funding for several Department of Natural Resource (DNR) and CV/CB⁺ funds, grants by programs through at least 2019. The court case also directly courtees and permanenteessurve with the first ensurement tax revenues. To that end, it is critical to the court of the co an estimated \$120 million in overcharged ected severance tax revenue in fiscal year 2018 (July of funding for several Department of Natural Resources in ge ans in ough a reast extent in court case and in extry in future severance tax revenues. To that end, it is critical to develop na source for Colorado's Water Plan, Basin Roundtables, CWCB Colorado's Water Plan says that "Under a well-planned, phased approach, an FCOlorado's Water Plan says that "Under a Well-planned, phased approach, an year might address all of the State-related funding needs described in Colorado's Water in Continue of the iled in Section 9.2.* We in Section 9.2.* Pado Department of Revenue No. 133C096 determined that the "cost of capital" noted in C.R.S as in the section of the se Prado Department of Revenue No. 133C396 determined that the "cost of capital" noted in L.K.3 olid include any "deductible cost that resulted from investment in transportation and processing Nid include any "deductible cost that resulted from investment in transportation and processing factively meant that BP had been overpaying and were due a refund (along with other all oil and web similar onerations) with similar operations) es with Jimilar operations). 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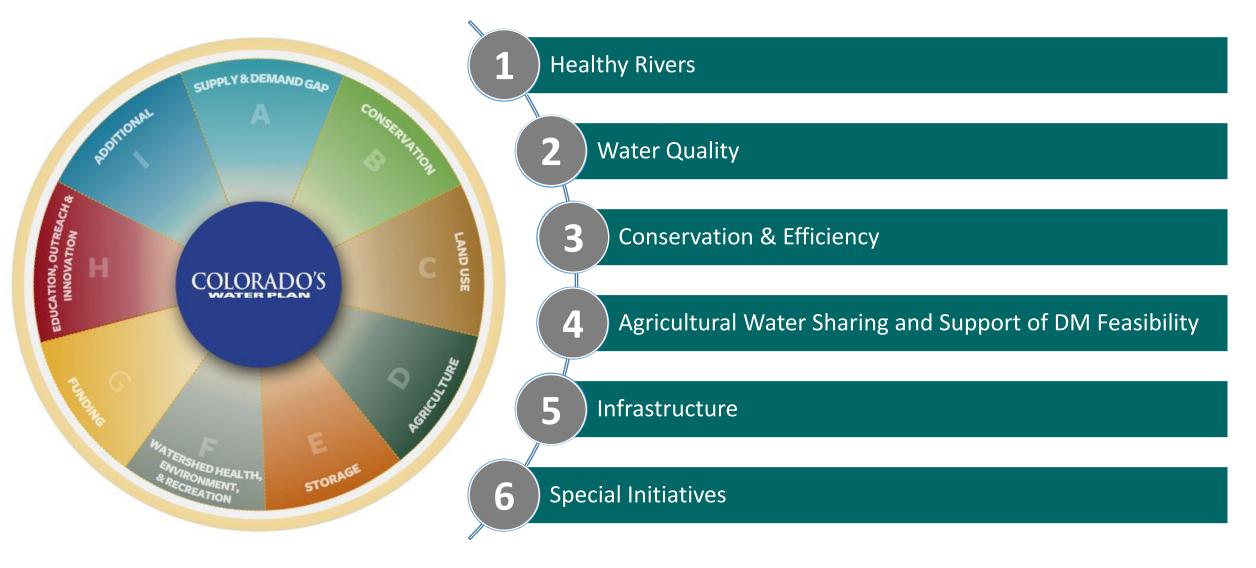


Colorado's Water Plan sets an objective to sustainably fund its implementation. In order to support this objective, the State will investigate options to raise additional revenue in the amount of \$100 million annually (\$3 billion by 2050) starting in 2020."

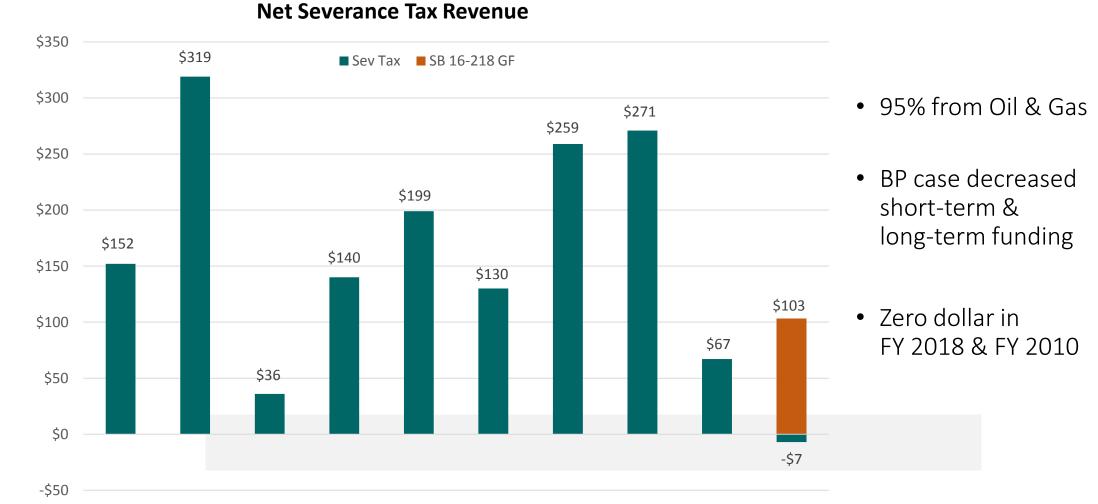
-Colorado's Water Plan



Proposed Funding Categories



Severance Tax Revenue Volatility



FY 07-08 FY 08-09 FY 09-10 FY 10-11 FY 11-12 FY 12-13 FY 13-14 FY 14-15 FY 15-16 FY 16-17

Severance Tax Revenue (\$ millions)

Severance Tax Issues present challenges to:

- Roundtable Funding
- WSRF Funding
- All Tier II Programs

Goals for new funding?

\$100 million annually (\$3 billion by 2050) starting in 2020."

New Funds, New Projects

(ONLY)

Shoring Up Project Funding + New Projects

(SAME ASK)

Shoring Up Project Funding + New Projects

(BIGGER ASK)

Key Questions For Consideration

- Who administers new revenue sources?
- How new revenue sources would be used?
- The amount of funding that is needed?



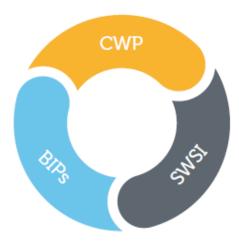
DISCUSSION

Basin Implementation Plan Updates & IPPs



Context

- Technical Focus
- Provides Tools
- Helps BIP Updates
- Supports CWP Update



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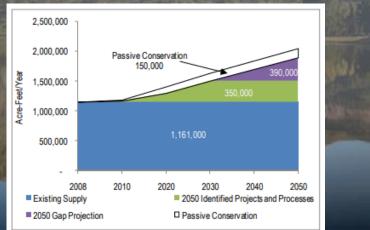


Updating SWSI Night and Day Approaches

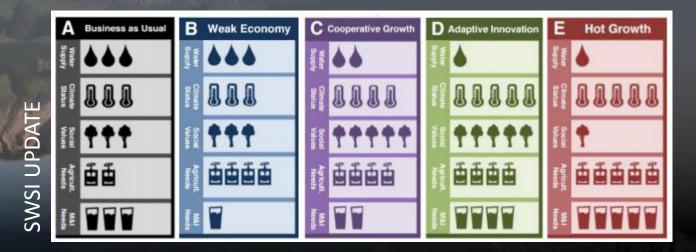
2050 Demand

- Available Water
- + Projects and Processes

= 2050 M&I Gap



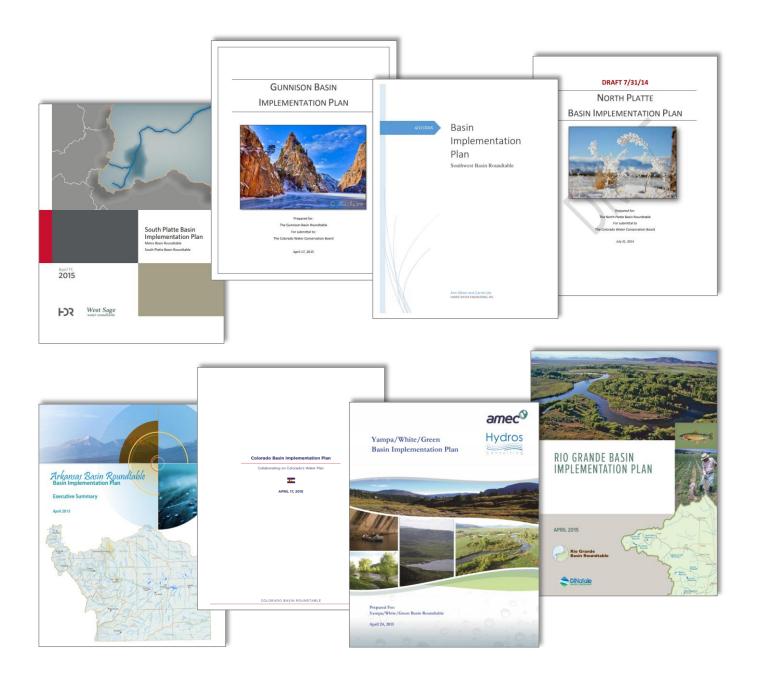
- Hydrologic Modeling
- M&SSI Demand Methodology
- Ag Demand Methodology
- Environmental & Recreation Analysis
- Scenario Planning Across Major Drivers



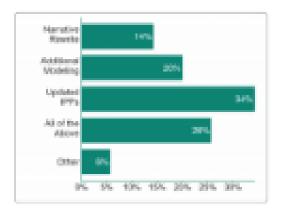
SWSI 2010

BIP Updates

- Goal to enhance consistency
- Add value (not rehash narrative)
- May not require modeling
- Enhanced metrics (e.g. yield; costs)
- Inform future funding

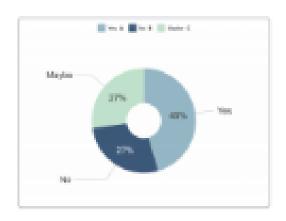


What's the right level of detail for the BIP updates?



Response options	Count	Percentage	\sim
Narrative Rewrite	5	14%	57%
Additional Modeling	7	20%	
Updated IPPs	12	34%	Engagement
All of the Above	9	26%	
Other	2	6%	35
			Responses

Is your roundtable ready to update your BIP in 2019?



Response options	Count	Percentage	\sim
Yes	10	45%	(41%)
No	6	27%	Engagement
Maybe	6	27%	cnyagement



Do you think your BIP could be enhanced with improved metrics for project cost, yield and benefit?



Should a BIP Working Group be considered to help establish guidance for evaluating projects and standardizing BIP updates?



Should a BIP Working Group be considered to help establish guidance for evaluating projects and standardizing BIPs?

A. Yes

B. No

C. Maybe

NEXT STEPS

Next Steps & Next Meeting

QUESTION

Should the next meeting be in September?

A. YesB. No

QUESTION (Save a Doodle Poll)

What date works best for you?

A. 4 B. 5 C. 6 A. 11 B. 12 C. 13 D. 25 E. 26 F. 27

Final Questions? Final Thoughts?

SWSI Update Overview

The current SWSI Update is the first iteration of SWSI to

The current SWSI Update is the first neration of SWSI to be conducted in the context of Colorado's Water Plan

De conquicteo in the context of Colorado's Water Plan (CWP) and the Basin Implementation Plans (BIPs) that

(CWP) and the Basin implementation runs (BIFS) that were developed in Colorado's eight major river basins.

were developed in Colorado's eight major niver basins. Prior iterations of SNSI included components (such as

rivor ruerations or small included components (such as portfolios of projects and methods to meet future gaps)

portronios or projects and methods to meet ruture gaps that are now exclusive to the BIP & CWP processes. As now excusive to one oir a cyrr processes, as served lindate will be a technically-focused

FACT SHEET

neet provides an overview of the context, processes, and features of the ste to the Statewide Water Supply Initiative (SWSI)-

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CWP

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SWS

FACT SHEET

Scenario planning relies on several key driving forces to build Scenario Planning Scenario planning relies on several key drying torces to b multiple, plausible futures (or "scenarios"). In contrast, traditional "predict-and-plan" approaches develop a Given the uncertainties of future water supply and demand, Given the uncertainties of tuture water supply and demail the CNCB adopted a scenario planning approach for the ONE CWCG appred a scenario planning approach for one SWSI Update. The approach assumes that the future is SINSI UPdate. The approach assumes that the tuture is unknown, and it provides flexibility in responding to various for one consistence on the formation to remarked the formation unknown, and it provides hectorius in responding to various future conditions. Rather than trying to predict the future future conditions. Rather than trying harmine allows the CWCB for barriers at the nast orientaria planning allows the CWCB. Where conditions. Rather than trying to predict the tuture by looking at the pasts scenario planning allows the CWCB and reducted Access to identify and recorded for lower deinance and by looking at the past, scenario planning allows the CWCB and stakeholders to identify and account for key drivers and and stakenologis to logicity and account for key unversions Uncertainties within the planning period. Common actions uncertainces within the planning period. Common actions applicable to all futures can be implemented, and adaptive applicable to all futures are more fixing records depending applicable to all futures can be implemented, and adaptive transmiss can be developed to meet future needs depending



RESIDE AN COLUMN

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