

1 DCP UPDATE PROCESS: INTRODUCTION

The objective of the NSW DCP Update Process is to “evaluate and update the DCP on an ongoing basis to ensure its effectiveness.” Updates are necessary to incorporate new science, regulations, legislation, and stakeholder information; reassess vulnerability of critical resources; and incorporate improvements in monitoring, mitigation and response actions. Post-drought evaluation ensures that pre-drought planning was effective, and identifies and corrects issues to improve future implementation and response. Sections 2 and 3 of this chapter respectively provide background research and the process used to prepare this chapter. Section 4 presents an annual evaluation process to identify new information, assess post-drought response, and suggest ways to improve effectiveness. This DCP Update process is conducted **annually between November and January**. Every five years or as determined necessary by the Management Team, annual results will be reviewed and the DCP document will be revised.

2 RESEARCH

Watershed level and state drought mitigation and response plans were reviewed to help develop the NSW DCP Update process. Details in these plans are lacking, though generally, evaluations are conducted on an annual schedule, and as needed to capture post-drought response effectiveness. The watershed-level Blackfoot Drought Response Plan (2010) Committee hosts an annual year end meeting to summarize hydrology, drought plan participation, water conserved, outreach activities, drought plan related issues, and possible changes in approaches. The state-level Colorado Drought Mitigation and Response Planning Committee is convened at least once yearly, to discuss the progress made on mitigation actions, lessons learned from response to drought conditions, drought outlook and preparation needs, and to review the response procedures in the plan (to help to ensure that staffs remain up to date on the activities related to the Mitigation plan and the response procedures) (Colorado Drought Mitigation and Response Plan, 2013). It is anticipated that, at first, evaluations will require more time, but the level of effort will decrease over time.

3 PROCESS

A Working Group of resource management professionals was convened to review and provide feedback on the NSW DCP Update Process. A draft process was circulated to the Working Group, and discussed at a meeting held on January 19, 2017. Feedback was incorporated prior to submitting the draft chapter to the Task Force for review and concurrence. The final list of Working Group participants is provided in Appendix A of this DCP.

4 NSW DCP UPDATE OVERVIEW AND PROCESS

To begin the Update Process, in November of each year, the DCP Update Group will request information from Task Force members that will be used to help review the effectiveness of the DCP and make future adjustments. The Task Force members represent all sectors, and are knowledgeable about changes in their respective fields that may affect future drought planning and response. Members will submit environmental and socio-economic drought impact information from the preceding year, as well as new regulatory and technical information, to the DCP Update Group. The DCP Update Group will use this information to review the Vulnerability Assessment, and recommend any changes in vulnerability to the Management Team and the Monitoring, Mitigation and Response Groups. (After the first year, the DCP

Update group will also review this process.) The groups will then consider this information in their annual evaluations of their respective drought planning elements, and send recommended changes to the Management Team. The Management Team will review, evaluate and compile update recommendations from the groups and may seek feedback from the Task Force. Every five years, the DCP Update Group will review the annual evaluations, and recommend updates to the DCP document for Management Team comment and formal revision.

An overview of this process is provided in Figure 1. Greater detail is presented in Table 1, which includes the timeline, responsible parties (as identified in the Operational and Administrative Framework), and more responsibilities needed to complete annual/post-drought evaluation and 5-year plan revision. The schedule for the process may be adjusted to align with the Marion County Hazard Mitigation Planning process. A suggested process kick-off email from the DCP Update Group to the Task Force is provided in Appendix A.

Figure 1: Overview of DCP Update Process

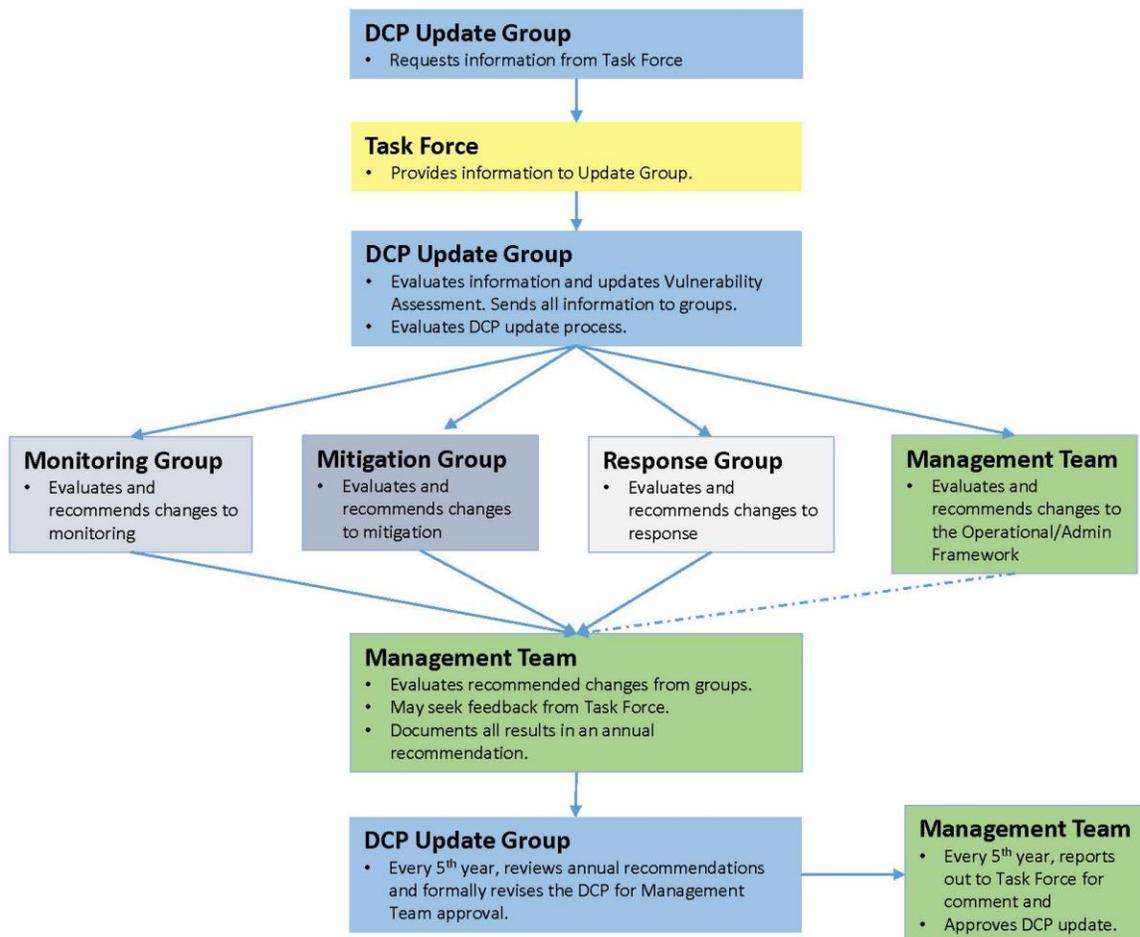


Table 1: DCP Update Process (revised draft)

NSW DCP Update Process: Conduct the following tasks annually/post-drought:			
Timeline	Responsible Group	Responsibilities	Provide information annually to
By Nov. 1	DCP Update Group will	<ul style="list-style-type: none"> Send an email request to the Task Force requesting annual review information for their areas of expertise. 	N/a
By Nov. 15	Task Force members will (by email or meeting)	<ul style="list-style-type: none"> Communicate the following watershed-specific annual review information: <ul style="list-style-type: none"> Environmental, economic and social impacts of drought within the NSW. Address each sector to the extent information is available. New regulations and legislation (e.g., Bi-Op/Reallocation), climate change data and population growth data that may affect water supply resiliency for each sector. New technology or research that may be useful. 	Management team and DCP Update Group
By Nov. 22	DCP Update Group will	<ul style="list-style-type: none"> Update the Vulnerability Assessment <ul style="list-style-type: none"> * Gather and review watershed-specific annual review information from the Task Force. * Update the Vulnerability Assessment as needed, document findings, and communicate to the Monitoring, Mitigation and Response Groups for use in their evaluations. Evaluate how the DCP Update Process is functioning <p><i>Note additional DCP Update Group responsibilities on following page.</i></p>	Management Team and groups
By Dec. 1	Monitoring Group will	<ul style="list-style-type: none"> Evaluate existing indicators and triggers at each stage, and add new or replace if needed. Incorporate new science or watershed information as necessary. Evaluate process for data collection and monthly reporting to the Management Team 	DCP Update Group
By Dec. 1	Mitigation Group will	<ul style="list-style-type: none"> Evaluate information from the DCP Update Group regarding new regulations and legislation, and changes in vulnerability that may affect mitigation needs in the watershed Track status and update each DCP Table 2 Priority Mitigation Action 	DCP Update Group

NSW DCP Update Process: Conduct the following tasks annually/post-drought:			
Timeline	Responsible Group	Responsibilities	Provide information annually to
		<ul style="list-style-type: none"> As Priority Mitigation Actions are completed, evaluate Table 1 Potential Mitigation Actions to elevate to priority status. Identify lead entity, funding sources, etc. Gather information from all sectors to identify new Table 1 Potential Mitigation Actions 	
By Dec. 1	Response Group will	<ul style="list-style-type: none"> Evaluate information from the DCP Update Group regarding new regulations and legislation, and changes in vulnerability that may affect response needs in the watershed Review each DCP Figure 3 Response Action and evaluate effectiveness at improving resiliency in the watershed. Gather information from all sectors. Propose new, changes, or removal of actions as needed. Identify lead entity, funding sources, etc. 	DCP Update Group
By Dec. 15	Management Team will	<ul style="list-style-type: none"> Evaluate how the Operational and Administrative Framework is functioning Review and evaluate all group recommendations for the vulnerability assessment, monitoring, mitigation, response and the DCP update process. Consult Task Force if needed. Document results in annual evaluation. <p><i>Note additional Management Team responsibilities below.</i></p>	DCP Update Group
By Dec. 15	DCP Update Group will	<ul style="list-style-type: none"> Every 5 years, evaluate annual documentation for the last 5 years and prepare updated DCP document. Identify funding needs for the next update cycle so that the necessary resources are in place in advance of the update year. Coordinate with Lead Coordinator to pursue and track funding. 	Management Team
By Jan. 15	Management Team will	<ul style="list-style-type: none"> Every 5 years or as determined necessary, present updated DCP to the Task Force for comment, receive comments, and revise/approve DCP. 	DCP Update Group and Task Force

APPENDIX A: UPDATE PROCESS KICK OFF EMAIL TO TASK FORCE

DATE: November 1, 2017

SUBJECT: Annual drought resiliency evaluation and projections

North Santiam Watershed Drought Contingency Plan Task Force members,

Your expertise is requested in improving drought resiliency in the NSW. In 2017, we implemented the first year of the *North Santiam Watershed Drought Contingency Plan*. The DCP includes monthly monitoring, an on-going vulnerability assessment, and projects to mitigate for, and actions to respond to, drought conditions.

As we prepare for the second year of implementation, we are completing an annual evaluation, and would greatly appreciate feedback in your area of expertise for the following:

- To evaluate the year in review: Any environmental, economic and social impacts of drought that you have observed within the NSW. The following supporting information would also be helpful:
 - Research or newspaper articles
 - Photographs
 - Quantified data (e.g., economic loss, field data)

- To adjust future need/vulnerability: Any information that may affect water supply resiliency for each sector (e.g., municipal, commercial irrigation, instream natural resource, water-dependent recreation, individual domestic use):
 - New or updated regulations and legislation
 - Updated information regarding infrastructure and/or water supply
 - Population growth data for your municipality
 - Supporting new technology or research would also be helpful.

This review process will be conducted annually, and Task Force members may be contacted again to help recommend changes to the DCP. After five years, all annual reviews will be evaluated, and a revised NSW DCP will be presented to the Task Force for comment.

Your feedback for this year's evaluation is requested by November 15, 2017.

Thank you in advance for your continued support.