To: OkIPC Board of Directors

From: Priscilla Crawford, OkIPC President

16 December 2016

Outline for Discussion regarding the development of an Oklahoma Invasive Plant Management Plan

Background

The current draft was stitched together from other state management plans and revised to make appropriate for Oklahoma. After reviewing the most recent draft of the management plan, I feel that the current written plan is not a meaningful document for proposing a plan to manage invasive species in our state. What we have now sounds like many other strategic plans for similar issues written by a diverse group of people in a committee – not a lot of substance to actually tackle the problem.

One of the initial motivations to developing a statewide management plan was the potential that federal funding would require a plan that was adopted or approved by the appropriate state agencies. It is not clear to me that this is now an important motivator – given future federal funding expectations.

Discussion Questions

What is the purpose of the plan?

Should we be spending our limited time on developing this document?

Would it be better to focus on writing the meaningful components of the plan that could eventually be compiled into a larger document? Such as a series of white papers, covering topics like these:

- Recommendations to the energy industry
- Recommendations to state parks
- Recommendations for useful new regulations on plant sales

What should the plan include? (please look at the attached Tables of Contents from a few other plans)

Is there anything unique to Oklahoma that is not covered in these other states' plans?

What would you suggest our plan's Table of Contents should look like?

Table of Contents

Statement of Endorsement and Support	
Executive Summary	2
 Introduction How a Statewide Invasive Species Plan Can Help Required Content of Plan Species Covered by the Plan Geographic Area Covered by the Plan Plan Development and Review Relation to Other Invasive Species Plans How the Plan Will Be Implemented 	5
 Background, Issues, and Problem Definition What are Invasive Species? Pathways of Introduction and Spread (Aquatic, Terrestrial, International) Problem Definition (Approach, Cryptogenic species, Prioritization) Invasive Species Threats to Minnesota Additional Rankings of Threats Aquatic Invasive Species and Priorities Priorities for Pathways of Introduction and Spread 	13
Programs and Regulatory Authorities Introduction Regulations and Enforcement Monitoring, Responses, and Management Gaps in Authorities Reporting on Implementation	21
 Elements, Desired Outcomes, Strategies, Actions Element I. Prevention Element II. Early Detection, Rapid Response, and Containment Element III. Management of Invasive Species Element IV. Leadership and Coordination 	24
Implementation Database / Tables for Participating Entities	35
Glossary of Terms	36
Glossary of Acronyms	39
 Appendicies A - References B - Minnesota Invasive Species Advisory Council (MISAC) State Plan Work Group C - Federal, Tribal, State, Local, Non-Governmental Authorities & Programs D - MISAC Rankings of Species Threats to Minnesota E - Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990 Section 1204 	40 41 42 53 60
 F – Minnesota Statutes Related to Invasive Species Management Plans 	62

Table of Contents

Executive Summary
Glossary of Acronyms
Glossary of Terms
Introduction
Florida is at High Risk for New Invasions
Not all Nonindigenous Species are Invasive or Harmful in Florida
Statewide Invasive Species Strategic Plan for Florida
How a Statewide Invasive Species Strategic Plan Can Help
The Invasive Species Working Group
Statewide Coordination and Intergovernmental Cooperation
General Action Items
Prevention of New Biological Invasions
General Action Items
Surveillance
General Action Item
Rapid Response
General Action Item
Control and Management
General Action Items
Public Education about Biological Invasions
General Action Items
Existing State Programs and Findings
Florida Dept. of Environmental Protection Invasive Plant Management
Findings
Florida Dept. of Agriculture and Consumer Services
Division of Plant Industry
Findings
Division of Aquaculture
Findings
Division of Forestry
Findings
Division of Animal Industry
Findings
Florida Fish and Wildlife Conservation Commission
Findings
Water Management Districts
Findings
Florida Dept. of Transportation
Findings
University of Florida Institute of Food and Agricultural Sciences
Findings
References Cited
Appendix I: Governor's Letter
Appendix II: Federal Response to the Plan







DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES INVASIVE SPECIES MANAGEMENT PLAN

TABLE OF CONTENTS

Report Section	Page No.
EXECUTIVE SUMMARY	1
CHAPTER 1 - INTRODUCTION	3
Purpose of the Plan	3
Definition of Invasive	3
Background - Why is DCNR Addressing Invasive Species?	3
Goals and Objectives of the DCNR Plan	7
How the DCNR Plan was Developed	9
CHAPTER 2 - PREVENTION	11
Purpose of Prevention	11
Preventing Introduction and Spread on DCNR Lands	11
Preventing Introduction of Species Not Yet in PA	14
Preventing Introduction and Spread on Private and Municipal Lands	14
Recommendations	18
Accomplishments	19
CHAPTER 3 - SURVEY and DETECTION	20
Purpose and Goals for Doing Survey and Detection	20
Current DCNR Survey and Detection Programs	20
Recommendations	23
Accomplishments	24
CHAPTER 4 - CONTROLLING INVASIVES and RESTORING HABITAT	25
Purpose of Controlling Invasive Species	25
Planning to Control Invasive Species	25
Control Methods on DCNR Lands	26
Control Opportunities on DCNR Lands	28
Control of Invasive Species on Private Lands	28
Restoration of DCNR Lands	29
Recommendations	30
Accomplishments	31
CHAPTER 5 – PRESSURES ON MANAGEMENT AND RESTORATION	32
Introduction	32
Energy Extraction	32
Energy Extraction Recommendations	32
Climate Change	32
Climate Change Recommendations	33





TABLE OF CONTENTS

Report Se	<u>ction</u>	Page No
CHAPTE	R 6 - EDUCATION, TRAINING, and PUBLIC OUTREACH	34
Int	roduction	34
Ide	entification of Educational Resources	34
De	velopment of the Invasive Species Education and Training Programs	34
Im	plementation of the Invasive Species Education and Training Program	ns 35
Rec	commendations	36
Acc	complishments	36
CHAPTE	R 7 - OVERALL RECOMMENDATIONS	38
Exi	isting and New Problems	38
Op	portunities and Partnerships	38
Exi	isting Programs	38
	ergy Extraction and Climate Change	38
Pul	blic and Staff Awareness	38
Pre	evention, Control and Restoration	39
Hu	man Resources	39
	nding	39
Me	easuring Progress	39
CHAPTE	R 8 – ADMINISTRATION and REVIEW of PLAN	40
Rec	commendations	40
APPENI	DICES	
1.	National and State Invasive Species Laws, Regulations	
_	and Initiatives	42
2.	Summary of 2010 DCNR Invasive Species Survey Results	45
3.	Contact Information for DCNR Sections and Other State Agencie	
	Responsible for Invasive Species Programs and Activities	49
4.	SER Guidelines for Developing and Managing Ecological	
_	Restoration Projects, 2 nd Edition	53
5.	The St. Louis Declaration in Invasive Plant Species	55
6.	Hazard Analysis and Critical Control Point (HACCP) Planning	
_	Information	57 50
7.	Invasive Species Resources	58 54
8.	Glossary of Acronyms in Invasive Species Management Plan	74
9.	Photo Credits	75